



Db 301 PFGPGVGVPGAGVPGVPGAGIPVPGAGIPGCAVPGVSPAAAKAAKAKYCAR 360  
QY 361 PGVGVGGIPTYGVGAGGFFGFGVGGIPGVGAGVPGVGGVPGVGGISPEAQAAA 420  
Db 361 PGVGVGGIPTYGVGAGGFFGFGVGGIPGVGAGVPGVGGVPGVGGISPEAQAAA 420  
QY 421 AKAAKYGVPAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 480  
Db 421 AKAAKYGVPAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 480  
QY 481 VGVAPGVGVPALPGVGVAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 540  
Db 481 VGVAPGVGVPALPGVGVAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 540  
QY 541 GVPGLGVGAGVPGFAGAGDEGVRRSLSPELREGDPSSSOHLPTSPSRVPFGALAAKAA 600  
Db 541 GVPGLGVGAGVPGFAGAGDEGVRRSLSPELREGDPSSSOHLPTSPSRVPFGALAAKAA 600  
QY 601 KYGAAPVGLGLGALGGVGPVGGVAGPAAKAAKAAKAAKAAKAAKAAKAAKAA 660  
Db 601 KYGAAPVGLGLGALGGVGPVGGVAGPAAKAAKAAKAAKAAKAAKAAKAAKAA 660  
QY 661 GLGVPGVGGIGLGIPTPAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 720  
Db 661 GLGVPGVGGIGLGIPTPAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 720  
QY 721 CLGKACGRKK 731  
Db 721 CLGKACGRKK 731

RESULT 2

US-08-911-364-1  
; Sequence 1, Application US/08911364  
; Patent No. 5969106  
; GENERAL INFORMATION:  
; APPLICANT: ROTHSTEIN, Aser  
; APPLICANT: KEELY, Fred W.  
; APPLICANT: ROTHSTEIN, Steven J.  
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN  
; TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: FOLEY & LARDNER  
; STREET: 3000 K Street, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20007-5109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; FILING DATE: 07-AUG-1997  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/023,552  
; FILING DATE: 07-AUG-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bent, Stephen A.  
; REGISTRATION NUMBER: 29,768  
; REFERENCE/DOCKET NUMBER: 041082/0104  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 672-5300  
; TELEFAX: (202) 672-5399  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 731 amino acids  
; TYPE: amino acid

; STRANDEDNESS:  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; US-08-911-364-1  
  
Query Match 99.7%; Score 3775; DB 2; Length 731;  
Best Local Similarity 99.7%; Pred. No. 9.3e-244;  
Matches 729; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
  
QY 1 GGVPGAIPGSGVPGVYFPAGLGGALGPGKPLKXPPFGLAGAGLAGAGPAPV 60  
Db 1 GGVPGAIPGSGVPGVYFPAGLGGALGPGKPLKXPPFGLAGAGLAGAGPAPV 60  
QY 61 FPGALPGGVADAAAAYAAKAGAGLGGVPGVCGSLGVSAAGVVPQAGVKPKVPGVL 120  
Db 61 FPGALPGGVADAAAAYAAKAGAGLGGVPGVCGSLGVSAAGVVPQAGVKPKVPGVL 120  
QY 121 PGVYPGSVLPGARFPGVPGVLPFVPTGAGVKPAKPGVGGAFAGIPCVGPFPGVPLGY 180  
Db 121 PGVYPGSVLPGARFPGVPGVLPFVPTGAGVKPAKPGVGGAFAGIPCVGPFPGVPLGY 180  
QY 181 PIKAPKLPDSYGLPYTTGKLPYGTGPGVAGAAKAGAGTGTGTGVPQAAAAKAAKAAK 240  
Db 181 PIKAPKLPDSYGLPYTTGKLPYGTGPGVAGAAKAGAGTGTGTGVPQAAAAKAAKAAK 240  
QY 241 GAGAAGVLPDGVGAGVPGVPGAIPGIGIAGVGTAAAAKAAKAAKAAKAAKAAKAAK 300  
Db 241 GAGAAGVLPDGVGAGVPGVPGAIPGIGIAGVGTAAAAKAAKAAKAAKAAKAAKAAK 300  
QY 301 PGFPGVGVGAGVPGVPGVPGAGIPVPGAGIPVPGAGVPGVVSPEAAKAAKAAK 360  
Db 301 PGFPGVGVGAGVPGVPGVPGAGIPVPGAGIPVPGAGVPGVVSPEAAKAAKAAK 360  
QY 361 PGVGVGGIPTYGVGAGGPPGFGVGGIPGVGAGVPGVGGVPGVGGISPEAQAAA 420  
Db 361 PGVGVGGIPTYGVGAGGPPGFGVGGIPGVGAGVPGVGGVPGVGGISPEAQAAA 420  
QY 421 AKAAKYGVPAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 480  
Db 421 AKAAKYGVPAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 480  
QY 481 VGVAPGVGVPATGPGVAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 540  
Db 481 VGVAPGVGVPATGPGVAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 540  
QY 541 GVPGLGVGAGVPGFAGAGDEGVRRSLSPELREGDPSSSOHLPTSPSRVPFGALAAKAA 600  
Db 541 GVPGLGVGAGVPGFAGAGDEGVRRSLSPELREGDPSSSOHLPTSPSRVPFGALAAKAA 600  
QY 601 KYGAAPVGLGLGALGGVGPVGGVAGPAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 660  
Db 601 KYGAAPVGLGLGALGGVGPVGGVAGPAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 660  
QY 661 GLGVPGVGGIGLGIPTPAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 720  
Db 661 GLGVPGVGGIGLGIPTPAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 720  
QY 721 CLGKACGRKK 731  
Db 721 CLGKACGRKK 731

RESULT 3

US-08-464-700-2  
; Sequence 2, Application US/08464700  
; Patent No. 6232458  
; GENERAL INFORMATION:  
; APPLICANT: WEISS, ANTHONY S  
; APPLICANT: MARTIN, STEPHEN L  
; TITLE OF INVENTION: SYNTHETIC POLYNUCLEOTIDES  
; NUMBER OF SEQUENCES: 54  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Howson and Howson

STREET: Spring House Corporate Cntr, PO Box 457  
 CITY: Spring House  
 STATE: Pennsylvania  
 COUNTRY: USA  
 ZIP: 19477  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/464,700  
 FILING DATE: 7-JUN-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: AU PL6520  
 FILING DATE: 22-DEC-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: AU PL9661  
 FILING DATE: 28-JUN-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/AU93/00655  
 FILING DATE: 16-DEC-1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Bak, Mary E.  
 REGISTRATION NUMBER: 31,215  
 REFERENCE/DOCKET NUMBER: GH303USA  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-540-9200  
 TELEFAX: 215-540-5818  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 733 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-464-700-2

Query Match 99.7%; Score 3775; DB 3; Length 733;  
 Best Local Similarity 99.7%; Pred. No. 9.3e-244;  
 Matches 729; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GGVPAIPGGVPGGVFTYTGAGLGGALGGGKPLKVPVGGAGAGLGAFAFV 60  
 DB 3 GGVPAIPGGVPGGVFTYTGAGLGGALGGGKPLKVPVGGAGAGLGAFAFV 62

QY 61 FPGALVPGGVADAAAYKAAKAGAGLGGVPGVGGVGSAGAVVPPGAGVPGV 120  
 DB 63 FPGALVPGGVADAAAYKAAKAGAGLGGVPGVGGVGSAGAVVPPGAGVPGV 122

QY 121 PGVYPGVLPGARPPGVLPVPTGAGVKEKAPGVGAFAGIPGVPGGPOPGVPLGY 180  
 DB 123 PGVYPGVLPGARPPGVLPVPTGAGVKEKAPGVGAFAGIPGVPGGPOPGVPLGY 182

QY 181 PIKAPKPGGYLPYTTGKLPYGGVAGAGAGTGTGTGVPQAAAAAATAAKAF 240  
 DB 183 PIKAPKPGGYLPYTTGKLPYGGVAGAGAGTGTGTGVPQAAAAAATAAKAF 242

QY 241 GAGAAVLPVGGAGVPGVPGALPGIGGIAGVTPAAAAAATAAKAYGAAGLVP 300  
 DB 243 GAGAAVLPVGGAGVPGVPGALPGIGGIAGVTPAAAAAATAAKAYGAAGLVP 302

QY 301 PFGVPGVVPVGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 360  
 DB 303 PFGVPGVVPVGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 362

QY 361 PGVGGGIPYTGAGAGFPFGVGGVGGVPGVPGVPGVPGVPGVPGVPGVPGV 420  
 DB 363 PGVGGGIPYTGAGAGFPFGVGGVGGVPGVPGVPGVPGVPGVPGVPGVPGV 422

QY 421 AXAAKYGVTPAAAAAATAAKAQGLVPGVGVAPGVGVAPGVGVAPGVGVAP 480  
 DB 423 AXAAKYGVTPAAAAAATAAKAQGLVPGVGVAPGVGVAPGVGVAPGVGVAP 482

QY 481 VGVAPGVGYAPATGPGVAAAKSAKAAQALRAAGLGGAGIPGLGVGVPGVGVGA 540  
 DB 483 VGVAPGVGYAPATGPGVAAAKSAKAAQALRAAGLGGAGIPGLGVGVPGVGVGA 542

QY 541 GVPGLGVGAGVPGFAGAGDEGVRRSLSPELREGDPSSOHLSTPSSRPVGAALAAKAA 600  
 DB 543 GVPGLGVGAGVPGFAGAGDEGVRRSLSPELREGDPSSOHLSTPSSRPVGAALAAKAA 602

QY 601 KYGAAPVPLGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGV 660  
 DB 603 KYGAAPVPLGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGV 662

QY 661 GLGVPGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGV 720  
 DB 663 GLGVPGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGV 722

QY 721 CLGKACGRKRK 731  
 DB 723 CLGKACGRKRK 733

RESULT 4  
 US-08-678-039A-40  
 ; Sequence 40; Application US/08678039A  
 ; Patent No. 5858662  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Keating, Mark T.  
 ; APPLICANT: Morris, Colleen A.  
 ; TITLE OF INVENTION: Diagnosis of Williams Syndrome and  
 ; TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the  
 ; TITLE OF INVENTION: Presence or Absence of a LIM-kinase Gene  
 ; NUMBER OF SEQUENCES: 42  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.  
 ; STREET: 555 Thirteenth Street, N.W., Suite 701 East  
 ; STREET: Tower  
 ; CITY: Washington  
 ; STATE: DC  
 ; COUNTRY: U.S.A.  
 ; ZIP: 20004  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/678,039A  
 ; FILING DATE: 10-JUL-1996  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Saxe, Stephen A.  
 ; REGISTRATION NUMBER: 38,609  
 ; REFERENCE/DOCKET NUMBER: 2323-120A  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 202-624-1589  
 ; TELEFAX: 202-783-6031  
 ; INFORMATION FOR SEQ ID NO: 40:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 792 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-08-678-039A-40

Query Match 98.7%; Score 3737.5; DB 2; Length 792;  
 Best Local Similarity 95.2%; Pred. No. 3.1e-241;  
 Matches 729; Conservative 0; Mismatches 2; Indels 35; Gaps 2;

QY 1 GGVPAIPGGVPGGVFTYTGAGLGGALGGGKPLKVPVGGAGAGLGAFAFV 60  
 DB 27 GGVPAIPGGVPGGVFTYTGAGLGGALGGGKPLKVPVGGAGAGLGAFAFV 86





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Db      759 GSVPGVGVPGVGVPVGVGVPVGVGVPVGVGVPVGVGGAGSAGSAGSAGS 818
QY      691 --GVLGAGGFPLGGVAARPFGFGLSPI-PPG 718
Db      819 GAGSAGSAGSAGSAGSVPGVGVGVGVGP 849

RESULT 6
US-08-806-029-28
; Sequence 28, Application US/08806029
; Patent No. 6360154
; GENERAL INFORMATION:
; APPLICANT: Cappello, Joseph
; APPLICANT: Stedronsky, Erwin R.
; TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
; TITLE OF INVENTION: Delivery and Tissue Augmentation
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Flehr, Hohnbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/806.029
; FILING DATE: 24-FEB-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,237
; FILING DATE: 11-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Treccartin, Richard F.
; REGISTRATION NUMBER: 31,801
; REFERENCE/DOCKET NUMBER: A-58847-2/RFT/ATK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 988 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-806-029-28

Query Match          30.5%; Score 1159.5; DB 4; Length 988;
Best Local Similarity 40.3%; Pred. No. 1.le-69;
Matches 353; Conservative 54; Mismatches 279; Indels 185; Gaps 51

QY      2 GVPD-AIPE-GVDP-----GVFPYGAGLALGGGALGPG-----GKLPKPYPGCLAGAG 48
      |||| :|| ||| || | || | :|| | :|| | | | | | | | | | | | | | | | | | | |
Db      10 GVEPVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGV 69
      |||| :|| ||| || | || | :|| | :|| | | | | | | | | | | | | | | | | | | |
QY      49 LGAGLGAPPAVTFPGALVPGGVADAAAAAYKAAGAAGLGL--GVDPVGGGLGVSGAAVWPQ- 105
      ||| :| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      70 SGAGAGSVPGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGS 129
      ||| :| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY      106 -----PGAGVKPKPVGVLPGV-YPGVLPGARFPVGVLPGVPT--GAGV 149
      ||| :| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      130 AGAGSAGAGSAGSAGSAGSAGSAGSAGSAGSAGSAGSAGSAGSAGSAGSAGSAGSAG 188
      ||| :| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY      150 KPAPGVGGATAG-----IPGVDFPGGDPGVPL 178
      |||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      189 ----PCGVGGAGSAGSAGSAGSAGSAGSAGSAGSAGSAGSAGSAGSAGSAGSAGSAG 240

```

TELEPHONE: 415-781-1989  
 TELEFAX: 415-398-3249  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 988 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 PCT: US95-02772-5

Query Match 30.6%; Score 1159.5; DB 5; Length 988;

Best Local Similarity 40.5%; Pred. No. 1.1e-69;  
 Matches 353; Conservative 54; Mismatches 279; Indels 185; Gaps 51;

QY 2 GVPG-AIPG-GVPG-----GVYFGAGLGGGALGFG-----GXPLKPVFGGLAGAG 48  
 DB 10 GVPGVGPGVGVPGVGVPGVGVGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 69  
 QY 49 LGAGLGAFFAVFPFGALYPGGVADAAAYKAAKAGAGLG--GVPGVGLGYSAGATVPQ- 105  
 DB 70 SGAGAGSVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGV 129  
 QY 106 -----PCAGVKPKGVPGVGLPGV--YPGVLPFGARFPGVGLPGVPT--GAGV 149  
 DB 130 AG 188  
 QY 150 KPAPGVGAGAG-----IPGVGFGPGQPGVPL 178  
 DB 189 -----PGVGGAG 240  
 QY 179 GYPIKAPKLPQ-----CYGLPYTTGKLPYGVPGSVAGAGKAGYPTGVGVPGQAAAAA 234  
 DB 241 GVGPGVGVPGVGVPGV-----GVGVPVGGAGAGAGAGAGAGAGAGAGAGAGAGAG 292  
 QY 235 KAAAKFGAGAGVLPQVG--GAGVP--GVPG-AIPGIG---GIAGVGTFAAAAAA 285  
 DB 293 GAGAGAGAG--AGSVPGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGV 351  
 QY 286 KAAKYGAAAGLVP-----GPGFPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGV 338  
 DB 352 ACAG 411  
 QY 339 PGVVSPEAAKAAKAAKAGARPGVGVGGIPTYTGVGAGGFGPGVGVGGIIPV-----AGV 394  
 DB 412 PGVGVPGVGGAG 467  
 QY 395 PGVG-----GVPGVG-----GVPGVGISPEAQAQAAAAKAAKYGVGTFAAAAAA 441  
 DB 468 PGVGVPGVGVPGVGVPGVGVPGV--PCVGGAGAGAGAGAGAGAGAGAGAGAGAGAG 526  
 QY 442 RAQGLYPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGV 501  
 DB 527 GAGAGSVPGVGV--PGVGV--PGVGV--PGVGV--PGVGV--PGVGV--PGVGV--PGV 579  
 QY 502 AKSAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 547  
 DB 580 AG 639  
 QY 548 --GAGVPGP--GAGADEGVRSLSPELREG--DFSSSQHLPTSPSPRVPCCALAAKAAKY 604  
 DB 640 PGVGVPGVGGAG 698  
 QY 605 AVPGV--LGGILGALG-----GVGTPG--GVVAGPAAAAAATAKAAKAAKAAKAAK 648  
 DB 699 GVPGVGVPGVGVPGVGVPGVGVPGVGVGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 758  
 QY 649 -----VGAAGLG--GLVGGGLGVPGV--GLG-----GIPPAKAAKAAKAAKAAK 690  
 DB 759 GSVPGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGV 818  
 QY 691 --GVLGAGAGFPPLGGVAAKPPGGLSFI--FPG 718

DB 819 GAG 849

# RESULT 8

US-08-212-237-4  
 ; Sequence 4, Application US/08212237  
 ; Patent No. 5606019  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cappello, Joseph  
 ; TITLE OF INVENTION: Synthetic Proteins As Implantables  
 ; NUMBER OF SEQUENCES: 9  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert  
 ; STREET: Four Embarcadero Center, Suite 3400  
 ; CITY: San Francisco  
 ; STATE: CA  
 ; COUNTRY: U.S.A.  
 ; ZIP: 94111-4187  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/212,237  
 ; FILING DATE: 11-MAR-1994  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Rowland, Bertram I  
 ; REGISTRATION NUMBER: 20,015  
 ; REFERENCE/DOCKET NUMBER: A-58847/BIR  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 415-781-1989  
 ; TELEFAX: 415-398-3249  
 ; INFORMATION FOR SEQ ID NO: 4:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 832 amino acids  
 ; TYPE: amino acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-08-212-237-4

Query Match 30.6%; Score 1159; DB 1; Length 832;

Best Local Similarity 44.4%; Pred. No. 1e-69;

Matches 350; Conservative 49; Mismatches 243; Indels 146; Gaps 55;

QY 2 GVPG-AIPG-GVPG-----GVYFGAGLGGGALGPGGKPLKVPVGLGAGAGLGA 55  
 DB 10 GVPGVGPGVGVPGVGVPGVGVGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 64  
 QY 56 FPATPFGALVPGGVADAAAYKAAKAGAGLG--GVPGVGLGYSAGATVPQ---PGAGV 110  
 DB 65 VPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGV 124  
 QY 111 KPGKVPVGLPGV--YPGVLPFGARFPGVGLPGVPT--GAGVKPKAPGVGAGFAG----- 162  
 DB 125 GAGSVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGV 179  
 QY 163 -----IPGVG--PFGSPQPGVP--LGYPIKAPKLPFGVGLPYTTGKLPYGVG- 205  
 DB 190 SGAG 223  
 QY 206 PG--GVAAAGKAGYPTGTGTGVPQAAAAAATAKAAKAAKAAKAAKAAKAAKAAKAAK 261  
 DB 224 PGVGVPGVGV--AG 280  
 QY 262 AIPGIGIAGVGTFAAAAAAATAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 319  
 DB 281 GVPGV--GVPGVPGVGGAG 335  
 QY 320 VPGAGIPVTPGAGIPGAAVPGVSPPEAAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 379



[illegible]

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QY      553  GF-GAGADEGVRSLSPFELRBCDFSSSQHLFPSTPSPRVPGALAAAKAATGAAVPGV-L 610
Db      550  GVGAGAGAGAGAGAGAGAGAGAGS-----VPG-VGVPGVGVPGVPGVGVGV 657
QY      611  GGLGALG----GVGIFG-GVVGAGPFAAAAAAKAAQAQFGLVGAAGLGLGVGGGLGVP 665
Db      598  PGVGVPGVGVPGVGVGVGVGAGAGAGAGAGAGAGAGAGAGSVPGVGVGVGVPGVGVGP 657
QY      666  GWG-----GLG-----GLPPNAAAKAATGAGAGLGGVYG---GAGQFLGGAARPGFG 711
Db      658  GVGPGVGVPGVGVPGVGVGVGVGAGAGAGAGAGAGAGAGAGAGSVPGVGVGVGVPGV 714
QY      712  LSPI-FPG 718
Db      715  VPGVGVPG 722

RESULT 11
US-08-806-029-19
: Sequence 19, Application US/08806029
: Patent No. 6380154
: GENERAL INFORMATION:
: APPLICANT: Cappello, Joseph
: APPLICATOR: Stedronsky, Irwin R.
: TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
: TITLE OF INVENTION: Delivery and Tissue Augmentation
: NUMBER OF SEQUENCES: 36
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Flehr, Honbach, Test, Albritton & Herbert
: STREET: Four Embarcadero Center, Suite 3400
: CITY: San Francisco
: STATE: California
: COUNTRY: United States
: ZIP: 94111
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent In Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/806,029
: FILING DATE: 24-FEB-1997
: CLASSIFICATION: 514
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/212,237
: FILING DATE: 11-MAR-1994
: ATTORNEY/AGENT INFORMATION:
: NAME: Treccartin, Richard P.
: REGISTRATION NUMBER: 31,801
: REFERENCE/DOCKET NUMBER: A-58847-2/RPT/NTK
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 781-1989
: TELEFAX: (415) 398-3249
: INFORMATION FOR SEQ ID NO: 19:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 889 amino acids
: TYPE: amino acid
: STRANDEDNESS: unknown
: TOPOLOGY: unknown
: MOLECULE TYPE: protein
US-08-806-029-19

Query Match      29.98; Score 1130.5; DB 4; Length 889;
Best Local Similarity 44.08; Pred.No.8.6e-68;
Matches 347; Conservative 59; Mismatches 230; Indels 153; Gaps 57

QY      2  GVPG-AIPG-GVPG-----GVYFPGAGLGGAGLPGGKPLKVPVPGLAGAGLGLG- 54
Db      125  GVPGVGVPVGVPVGVPVGVPVGAGAGS-GAGA-CGSA-----GAGSGAGAGSGVGV 175
QY      55  -----AFPATVTPGALVPG-----GVADAAAAYKAAGAGLGGVPGVGV-GLGVSAGA 101

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[illegible]

.....

22

137 VGVLPGVPTGAGVKPKAPGVGGAFAAG-----IPGVGPFGGPQPGVPL-GYPIKAPKLP 188



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Db 353 GVGVEGVGVPAGAGSGAGAGS---GAGAG---SGAGAGSG-VGVPGVGVPGVPGVPGV 405
Qy 326 P--VVPGAGLPAGVPGVSPAAAKAAAKYGARPGVGVGGIPTTYGVGAG---GFPG 380
Db 406 PGVGVPGVGVPGVPGVPGVPGAGAGS---GAGSGAGAGS---GAGSGSGVPGV 456
Qy 381 FGVGVGGLPGVAGVPGVGVPGV---GVPGVGISPEAQAAAAAKAYGVGTPAAAAA 436
Db 457 VGVPGVGVPGV-GVPGV-GVPGVGVPGVGVPGV-PGAGAGSGA-----GAGSGAGAGS 508
Qy 437 KAAAKAQGLVPGVPGVAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 496
Db 509 GAGAGS-----GVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV 554
Qy 497 GVAATAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 548
Db 555 GAGAGSGAGAGSGAGAGSGAGAGSGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 614
Qy 549 AGVPGFAGAGDEGVRRSLPELREGDPSSQHLPTSPSPRVPGAGALAAKAAKAAKAA 608
Db 615 VGVPGAGAGSGAGA-----GSGAGAGSGAGAGSGVPGVPGVPGVPGVPGVPGV 663
Qy 609 V-LGGLGALG---GVGIFGVGVGAGPAAAAAKAAKAAKAAKAAKAAKAAKAAKAA 657
Db 664 VGVPGVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 723
Qy 658 GVGGLGVPGV--GLG-----GTPPAAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 710
Db 724 GVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 782
Qy 711 GLSPI-FPG 718
Db 783 GVPGVGVPG 791
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Search completed: October 10, 2003, 18:43:10  
Job time : 36.5963 secs



GenCore version 5.1.6  
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: October 10, 2003, 18:41:34 ; Search time 55.1597 Seconds  
(without alignments)  
2135.343 Million cell updates/sec

Title: US-09-964-662-1  
Perfect score: 3785  
Sequence: 1 GGVPGAIPGGVPGVYFPCA.....LSPIFFGAGLGRACGRKRK 731

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 600653 seqs, 161128416 residues

Total number of hits satisfying chosen parameters: 600653

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA.\*  
1: /cgn2\_6/ptodata/2/pubpa/US07\_PUBCOMB.pep.\*  
2: /cgn2\_6/ptodata/2/pubpa/PTC\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/2/pubpa/US06\_NEW\_PUB.pep.\*  
4: /cgn2\_6/ptodata/2/pubpa/US06\_PUBCOMB.pep.\*  
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6: /cgn2\_6/ptodata/2/pubpa/PTCUS\_PUBCOMB.pep.\*  
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14: /cgn2\_6/ptodata/2/pubpa/US10B\_PUBCOMB.pep.\*  
15: /cgn2\_6/ptodata/2/pubpa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/ptodata/2/pubpa/US10\_NEW\_PUB.pep.\*  
17: /cgn2\_6/ptodata/2/pubpa/US60\_NEW\_PUB.pep.\*  
18: /cgn2\_6/ptodata/2/pubpa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	3785	100.0	731	12	US-09-964-662-1
2	3665.5	94.2	730	11	US-09-961-403-8
3	1123	29.7	884	15	US-10-117-931-15
4	1122	29.6	1002	15	US-10-117-931-25
5	1118	29.5	1465	15	US-10-096-986-74
6	1116.5	29.5	745	9	US-09-837-969A-38
7	1116.5	29.5	745	10	US-09-841-321A-38
8	1107	29.2	2257	15	US-10-096-986-82
9	1100	29.1	936	15	US-10-117-931-30
10	1070.5	28.3	2055	15	US-10-096-986-81
11	1049	27.7	966	15	US-10-117-931-34
12	998	26.4	782	9	US-09-837-969A-37
13	998	26.4	782	10	US-09-841-321A-37
14	998	26.4	2003	9	US-09-837-969A-34
15	998	26.4	2003	10	US-09-841-321A-34

16	993	26.2	1085	9	US-09-837-969A-35
17	993	26.2	1085	10	US-09-841-321A-35
18	976	25.8	1085	9	US-09-837-969A-39
19	976	25.8	1085	10	US-09-841-321A-39
20	975.5	25.8	859	15	US-10-096-986-77
21	975.5	25.8	1255	9	US-09-837-969A-18
22	975.5	25.8	1255	10	US-09-841-321A-18
23	967	25.5	2018	15	US-10-096-986-80
24	958.5	25.3	605	9	US-09-837-969A-40
25	958.5	25.3	605	10	US-09-841-321A-40
26	958.5	25.3	605	12	US-10-096-986-62
27	945.5	25.0	1011	15	US-10-096-986-94
28	936	24.7	1300	9	US-09-837-969A-55
29	936	24.7	1300	10	US-09-841-321A-55
30	930	24.6	635	9	US-09-837-969A-25
31	930	24.6	635	10	US-09-841-321A-25
32	930	24.6	635	10	US-09-841-321A-36
33	930	24.6	635	10	US-09-841-321A-36
34	884.5	23.4	450	9	US-09-812-382-6
35	717.5	19.0	200	12	US-09-964-662-2
36	711.5	18.8	199	12	US-09-964-662-11
37	710	18.8	378	15	US-10-117-931-26
38	704.5	18.6	1177	15	US-10-096-986-64
39	671	17.7	979	15	US-10-096-986-89
40	663.5	17.5	766	15	US-10-096-986-88
41	658.5	17.4	651	9	US-09-861-597-1
42	655.5	17.3	714	9	US-09-861-597-10
43	647	17.1	1101	15	US-10-096-986-83
44	634	16.8	606	9	US-09-861-597-4
45	619.5	16.4	606	9	US-09-861-597-6

ALIGNMENTS

RESULT 1  
US-09-964-662-1  
; Sequence 1, Application US/09964662  
; Publication NO. US20030166846A1  
; GENERAL INFORMATION:  
; APPLICANT: PROTEIN SPECIALTIES LTD.  
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP  
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND  
; TITLE OF INVENTION: OTHER FIBROUS PROTEINS  
; FILE REFERENCE: 041082/0112  
; CURRENT APPLICATION NUMBER: US/09/964,662  
; PRIORITY FILING DATE: 2003-05-08  
; PRIOR APPLICATION NUMBER: 09/340,736  
; PRIORITY FILING DATE: 1999-06-29  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: Patent Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 731  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-964-662-1

Query Match	100.0%	Score 3785;	DB 12;	Length 731;
Best Local Similarity	100.0%	Pred. NO. 7.4e-216;		
Matches 731;	Conservative	0;	Mismatches	0;
			Indels	0;
Gaps				0;
QY	1	GGVPGAIPGGVPGVYFPCAIGGALGGGKPLKPVPGGLAGAGLGAIGAGFAFVAVT	60	
Db	1	GGVPGAIPGGVPGVYFPCAIGGALGGGKPLKPVPGGLAGAGLGAIGAGFAFVAVT	60	
QY	61	FPGALVPGGVADAAAAYKAAKAGAGLGGVGGGLGVSAAGVVPQAGVPGKPKVGVGL	120	
Db	61	FPGALVPGGVADAAAAYKAAKAGAGLGGVGGGLGVSAAGVVPQAGVPGKPKVGVGL	120	
QY	121	PGVPGVLPGARPGVPGVLPVFTGAGVYKPKAPGVGAGFAGIPGVPGPGPGVPLGY	180	
Db	121	PGVPGVLPGARPGVPGVLPVFTGAGVYKPKAPGVGAGFAGIPGVPGPGPGVPLGY	180	



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; FILLING DATE: 05-Apr-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/642,246
; FILLING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: ROWLAND, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A61127-1/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 884 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-10-117-931-15

Query Match          29.7%; Score 1123; DB 15; Length 884;
Best Local Similarity 41.8%; Pred. No. 9.8e-59;
Matches 352; Conservative 53; Mismatches 249; Indels 188; Gaps 56;

QY 2 GVPG-AIPG-GVPG-----GVFPAGLGGALGPG-----GKPLKVPG-G 43
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Db 61 GVPKGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 120
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 44 LAGAGLGA-----GLGAPPAVTFPGALVPG-GVADAAAYKAAKAGAGLG-----GVPGVG 93
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 121 VPGVPGKGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 179
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 94 --GLGVSAGVVPFGAGVPGK-VPGVGLPVPVPGVLPFGARPPGVGLPVPFGAGVK 150
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 180 VPGVG-----PGVGV-PGKGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 226
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 151 PKAPGVGGAFAGIPGVPGFPGPOPGVPLGYPIKAPLPGGVPLPYTTKLPYGVPGGVA 210
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 227 AGSGAGSGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 267
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 211 GAAGKAGYPTGTGVPQAAAAAAXKAFKAGAGVLPVPG--GAGVP--GVPG-AIPG 265
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 268 GVPG-VGVP-GAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAG 325
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 266 IG-----GIAGVTPAAAAAAXKAAKYRAAGLVPGCPGFGVPGVPGVPGVPGV 321
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 326 VPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 378
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 322 GAGIP--VVPGAGIPGAAPGVVSPAAAAAAXKAAQ-----AKYGARPGVGVG---GIPT 370
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 379 GVGPKGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 438
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 371 YGVGAGFPFGV-GVG-----GIPGAGVPGVPGVPGVPGVPGVPGVPGVPGV 402
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 439 VPGVPGVPGKGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 497
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 403 VG-----GVPGVGPISPEAAAAAAXKAAQ-----GVGTAAAAAAXKAAQGLVPGVPGV 457
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Db 498 VPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 557
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 458 GVPAGVGVADVGLAPGVG-----APGAGVAPGVGVAPGVPATGPGVAAAAAXKAAVAKA 513
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 558 GV-PGVGV--PGVGV--PGVPGKGVPGVPGV--PGVGV--PGVPGVPGAGAGSAGAG 612
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 514 LRAAGLGAIGPLGV-GVPGVGLGV-----GAGVPLGV-GAGVPGAGAGAGDGVRRS 565
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 613 SGAGAGSGVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 669
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 566 LSPELREGDPSSSLPSTSPKVPALAAAAAAXKAAVPGV-LGGLGALG-----GVG 620
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 670 -----GSGAGAGSAGAGSGVPG-----VGVPGVPGVPGVPGKGVPGVPGV 716
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

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QY 621 IPG-GVVGAGPAAAAAAXKAAQFGLVGAAGLGLGVGGLGVPGVG----- 668
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 717 VPGVPGAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAG 776
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 669 -GLG---GIPPAAXKAAKYGAAGLGGVGLGAGOFFPLGGVAARPGFGLSPI-FPGAGL 722
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 777 PGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 831
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 723 GK 724
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Db 832 GK 833
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RESULT 4
US-10-117-931-25
; Sequence 25, Application US/10117931
; Publication No. US20030104589A1
; GENERAL INFORMATION:
; APPLICANT: CAPPELLO, Joseph
; TITLE OF INVENTION: Tissue Adhesive Using Synthetic
; Crosslinking
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOEBACH, TEST, ALBRITTON & HERBERT
; STREET: Four Embarcadero Center, Suite 200
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/117,931
; FILING DATE: 05-Apr-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/642,246
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: ROWLAND, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A61127-1/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1002 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-10-117-931-25

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Query Match          29.6%; Score 1122; DB 15; Length 1002;
Best Local Similarity 39.1%; Pred. No. 1.3e-58;
Matches 370; Conservative 54; Mismatches 271; Indels 252; Gaps 60;

QY 2 GVPG-AIPG-GVPG-----GVFPAGLGGALGPG-----GKPLKVPV 41
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Db 63 GVPKGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 122
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 42 G-----GLAGAGLGAIGAPPAVTFPGALVPG-GVADAAAAAXKAAKAGAGIG-- 87
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 123 GVGPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 181
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 88 GVPGVG-----GLGVSAGAVPFGAGVPGKGVPGVGLPGV-YPGGLPFGARPPGVGL 140
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

```





[illegible]











[illegible][illegible]

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; PRIOR FILING DATE: 1999-02-28
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297

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; FILLON FILLING DATE: 1998-02-27
;
; NUMBER OF SEQ ID NOS: 65
;
; SOFTWARE: PatentIn version 3.0
;
; SEQ ID NO 34

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1  NAME: 2003
2  TYPE: PRT
3  ORGANISM: Artificial Sequence
4  FEATURE:

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; LOCATION: (1)..(2003)
; OTHER INFORMATION: Synthetic
US-09-841-321A-34

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Query Match	26.4%;	Score 998;	DB 10;	Length 2003;
Best Local Similarity	41.7%;	Pred. No. 5.2e-51;		
Matches 336;	Conservative 47;	Mismatches 270;	Indels 152;	Gaps 63

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QY	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Db	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

[illegible]

Qy 107 GAGVPGKVPVGGTLCGV-YPGVLTGCAKPPGCVGLPGVPT-GAGV--RPKAPGVGGAFAG 162  
 ||| |||||:|||| || :|| ||||| ||| ||| : ||||| -  
 Db 122 GVGVPGVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 180

[illegible]



Pending Nucleic Acid and Pending Amino Acid database searches generate two sets of results each. The Pending databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Searches run against the Nucleic Acid Pending database produce two sets of results, with the extensions .nrpm and .nrpn

Searches run against the Amino Acid Pending database produce two sets of results, with the extensions .rapm and .rapn

***Because they contain data that is confidential, the results of Pending database searches should not be left in the case .***

GenCore version 5.1.1.6  
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OM protein - protein search, using sw model

Run on: October 10, 2003, 18:38:08 ; Search time 534.46 Seconds  
(without alignments)  
1244.528 Million cell updates/sec

Title: US-09-964-662-1  
Perfect score: 3785  
Sequence: 1 GGVFGAIPGVGVGVFGA.....LSPIFFGACLGKACGRNRK 731

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 5728757 seqs, 909918778 residues

Total number of hits satisfying chosen parameters: 5728757

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Pending\_Patents\_AA\_Main:\*

1: /cgn2.6/ptodata/1/paa/US06\_COMB.pap.\*  
2: /cgn2.6/ptodata/1/paa/US06\_COMB.pap.\*  
3: /cgn2.6/ptodata/1/paa/US07\_COMB.pap.\*  
4: /cgn2.6/ptodata/1/paa/US08\_COMB.pap.\*  
5: /cgn2.6/ptodata/1/paa/US081\_COMB.pap.\*  
6: /cgn2.6/ptodata/1/paa/US082\_COMB.pap.\*  
7: /cgn2.6/ptodata/1/paa/US083\_COMB.pap.\*  
8: /cgn2.6/ptodata/1/paa/US084\_COMB.pap.\*  
9: /cgn2.6/ptodata/1/paa/US085\_COMB.pap.\*  
10: /cgn2.6/ptodata/1/paa/US086\_COMB.pap.\*  
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20: /cgn2.6/ptodata/1/paa/US096\_COMB.pap.\*  
21: /cgn2.6/ptodata/1/paa/US097A\_COMB.pap.\*  
22: /cgn2.6/ptodata/1/paa/US097B\_COMB.pap.\*  
23: /cgn2.6/ptodata/1/paa/US098\_COMB.pap.\*  
24: /cgn2.6/ptodata/1/paa/US099A\_COMB.pap.\*  
25: /cgn2.6/ptodata/1/paa/US099B\_COMB.pap.\*  
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28: /cgn2.6/ptodata/1/paa/US102\_COMB.pap.\*  
29: /cgn2.6/ptodata/1/paa/US103\_COMB.pap.\*  
30: /cgn2.6/ptodata/1/paa/US104\_COMB.pap.\*  
31: /cgn2.6/ptodata/1/paa/US106\_COMB.pap.\*  
32: /cgn2.6/ptodata/1/paa/US106\_COMB.pap.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Match	Length	ID	Description
1	3785	100.0	731 25	US-09-964-662-1 Sequence 1, Appli

Query Match 100.0%; Score 3785; DB 25; Length 731;  
Best Local Similarity 100.0%; Pred. No. 1.2e-236;  
Matches 731; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

ALIGNMENTS

RESULT 1  
US-09-964-662-1  
; Sequence 1, Application US/09964662  
; GENERAL INFORMATION:  
; APPLICANT: PROTEIN SPECIALTIES LTD.  
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP  
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND  
; FILE OF INVENTION: OTHER FIBROUS PROTEINS  
; FILE REFERENCE: 041082/0112  
; CURRENT APPLICATION NUMBER: US/09/964,662  
; CURRENT FILING DATE: 2003-05-08  
; PRIOR APPLICATION NUMBER: 09/340,736  
; PRIOR FILING DATE: 1999-06-29  
; NUMBER OF SEQ IDS: 11  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 731  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-964-662-1

Sequence 10289, A  
Sequence 10289, A  
Sequence 10289, A  
Sequence 4, Appli  
Sequence 2, Appli  
Sequence 2, Appli  
Sequence 3, Appli  
Sequence 5, Appli  
Sequence 8, Appli  
Sequence 3, Appli  
Sequence 8, Appli  
Sequence 217, App  
Sequence 217, App  
Sequence 38, Appli  
Sequence 10290, A  
Sequence 10290, A  
Sequence 10290, A  
Sequence 40, Appli  
Sequence 6, Appli  
Sequence 2477, Ap  
Sequence 5, Appli  
Sequence 2915, Ap  
Sequence 7, Appli  
Sequence 2524, Ap  
Sequence 212, App  
Sequence 212, App  
Sequence 96, Appli  
Sequence 15, Appli  
Sequence 103, App  
Sequence 25, Appli  
Sequence 45, Appli  
Sequence 74, Appli  
Sequence 74, Appli  
Sequence 74, Appli  
Sequence 38, Appli  
Sequence 38, Appli  
Sequence 38, Appli  
Sequence 38, Appli  
Sequence 82, Appli  
Sequence 82, Appli  
Sequence 55, Appli  
Sequence 82, Appli  
Sequence 14, Appli

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QY 1 GVPGAIPOGVPGGVTFYPSAGLGGALGPGGKPLKPYPGLAGAGLAGAPPAVT 60
Db 1 GVPGAIPOGVPGGVTFYPSAGLGGALGPGGKPLKPYPGLAGAGLAGAPPAVT 60
QY 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVLSAGAVVPOGAGVKGKVPVGL 120
Db 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVLSAGAVVPOGAGVKGKVPVGL 120
QY 121 PGVPGVLPGARPPGVLPVPTGAGVKPAQGVGGAGFAGIPGVPGPGPQGVPLGY 180
Db 121 PGVPGVLPGARPPGVLPVPTGAGVKPAQGVGGAGFAGIPGVPGPGPQGVPLGY 180
QY 181 PIKAPKLPGLGLTYTTGKLPYGGVAGAGKAGTPTGTGVPQAAAAAATAAKAF 240
Db 181 PIKAPKLPGLGLTYTTGKLPYGGVAGAGKAGTPTGTGVPQAAAAAATAAKAF 240
QY 241 GAGAAGVLPVGGAGVPGVPCATIPGIGTAGVTPAAAAAATAAKAAGAGLVPGG 300
Db 241 GAGAAGVLPVGGAGVPGVPCATIPGIGTAGVTPAAAAAATAAKAAGAGLVPGG 300
QY 301 PGFPGVGVPGAGVPGVPGAGIPVVPAGIPGAAPVGVSPAAAAAATAAKAGAR 360
Db 301 PGFPGVGVPGAGVPGVPGAGIPVVPAGIPGAAPVGVSPAAAAAATAAKAGAR 360
QY 361 PGVGGGIPTYGVGAGGPGFPGVGGVGPVAGVPGVGGVPGVGGVSPAAAAA 420
Db 361 PGVGGGIPTYGVGAGGPGFPGVGGVGPVAGVPGVGGVPGVGGVSPAAAAA 420
QY 421 AKAAYGVGTAAAAAATAAKAAQGLVPGVAGVAPGVAGVAPGVAGVAPG 480
Db 421 AKAAYGVGTAAAAAATAAKAAQGLVPGVAGVAPGVAGVAPGVAGVAPG 480
QY 481 VGVAPGVAPAGVPGVAAAAAATAAKAAQGLVPGVAGVAPGVAGVAPGVAGV 540
Db 481 VGVAPGVAPAGVPGVAAAAAATAAKAAQGLVPGVAGVAPGVAGVAPGVAGV 540
QY 541 GVPGLGVAGVPGFAGAGDEGVRRSLSPBLREGDPSSQHLPTSPSPRVGALAAKAA 600
Db 541 GVPGLGVAGVPGFAGAGDEGVRRSLSPBLREGDPSSQHLPTSPSPRVGALAAKAA 600
QY 601 KYGAAPVGLGLGAGVGPVGGVAGVAPAAAAAATAAKAAQGLVAGAGLGLGVG 660
Db 601 KYGAAPVGLGLGAGVGPVGGVAGVAPAAAAAATAAKAAQGLVAGAGLGLGVG 660
QY 661 GLGVPGVGLGIGIPAAAAAATAAKAAGAGLGGVGGAGVPLGGVAAAPGGLSPIPPGGA 720
Db 661 GLGVPGVGLGIGIPAAAAAATAAKAAGAGLGGVGGAGVPLGGVAAAPGGLSPIPPGGA 720
QY 721 CLGKACGRKRK 731
Db 721 CLGKACGRKRK 731

```

## RESULT 2

```

US-60-453-050-10289
; Sequence 10289, Application US/60453050
; GENERAL INFORMATION:
; APPLICANT: LUKE, May
; TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001457
; CURRENT APPLICATION NUMBER: US/60/453,050
; NUMBER OF SEQ ID NOS: 82762
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10289
; LENGTH: 757
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-453-050-10289

```

```

Query Match 99.9%; Score 3781; DB 32; Length 757;
Best Local Similarity 99.9%; Pred. No. 2.2e-236;
Matches 730; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY 1 GGVPCATPGVPGVPGVTFYPSAGLGGALGPGGKPLKPYPGLAGAGLAGAPPAVT 60
Db 27 GGVPCATPGVPGVPGVTFYPSAGLGGALGPGGKPLKPYPGLAGAGLAGAPPAVT 86
QY 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVLSAGAVVPOGAGVKGKVPVGL 120
Db 87 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVLSAGAVVPOGAGVKGKVPVGL 146
QY 121 PGVPGVLPGARPPGVLPVPTGAGVKPAQGVGGAGFAGIPGVPGPGPQGVPLGY 180
Db 147 PGVPGVLPGARPPGVLPVPTGAGVKPAQGVGGAGFAGIPGVPGPGPQGVPLGY 206
QY 181 PIKAPKLPGLGLTYTTGKLPYGGVAGAGKAGTPTGTGVPQAAAAAATAAKAF 240
Db 207 PIKAPKLPGLGLTYTTGKLPYGGVAGAGKAGTPTGTGVPQAAAAAATAAKAF 266
QY 241 GAGAAGVLPVGGAGVPGVPGAGIPVPGIAGVTPAAAAAATAAKAAGAGLVPGG 300
Db 267 GAGAAGVLPVGGAGVPGVPGAGIPVPGIAGVTPAAAAAATAAKAAGAGLVPGG 326
QY 301 PGFPGVGVPGAGVPGVPGAGIPVVPAGIPGAAPVGVSPAAAAAATAAKAGAR 360
Db 327 PGFPGVGVPGAGVPGVPGAGIPVVPAGIPGAAPVGVSPAAAAAATAAKAGAR 386
QY 361 PGVGGGIPTYGVGAGGPGFPGVGGVGPVAGVPGVGGVPGVGGVSPAAAAA 420
Db 387 PGVGGGIPTYGVGAGGPGFPGVGGVGPVAGVPGVGGVPGVGGVSPAAAAA 446
QY 421 AKAAYGVGTAAAAAATAAKAAQGLVPGVAGVAPGVAGVAPGVAGVAPGVAGV 480
Db 447 AKAAYGVGTAAAAAATAAKAAQGLVPGVAGVAPGVAGVAPGVAGVAPGVAGV 506
QY 481 VGVAPGVAPAGVPGVAAAAAATAAKAAQGLVPGVAGVAPGVAGVAPGVAGV 540
Db 507 VGVAPGVAPAGVPGVAAAAAATAAKAAQGLVPGVAGVAPGVAGVAPGVAGV 566
QY 541 GVPGLGVAGVPGFAGAGDEGVRRSLSPBLREGDPSSQHLPTSPSPRVGALAAKAA 600
Db 567 GVPGLGVAGVPGFAGAGDEGVRRSLSPBLREGDPSSQHLPTSPSPRVGALAAKAA 626
QY 601 KYGAAPVGLGLGAGVGPVGGVAGVAPAAAAAATAAKAAQGLVAGAGLGLGVG 660
Db 627 KYGAAPVGLGLGAGVGPVGGVAGVAPAAAAAATAAKAAQGLVAGAGLGLGVG 686
QY 661 GLGVPGVGLGIGIPAAAAAATAAKAAGAGLGGVGGAGVPLGGVAAAPGGLSPIPPGGA 720
Db 687 GLGVPGVGLGIGIPAAAAAATAAKAAGAGLGGVGGAGVPLGGVAAAPGGLSPIPPGGA 746
QY 721 CLGKACGRKRK 731
Db 747 CLGKACGRKRK 757

```

## RESULT 3

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US-60-453-135-10289
; Sequence 10289, Application US/60453135
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; APPLICANT: IAKOUBOVA, Olga
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001456
; CURRENT APPLICATION NUMBER: US/60/453,135
; NUMBER OF SEQ ID NOS: 82762
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10289
; LENGTH: 757
; TYPE: PRT

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; ORGANISM: Homo sapiens  
US-60-453-135-10289

[illegible]

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RESULT 4
US-60-466-412-10289
; Sequence 10289, Application US/60466412
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; APPLICANT: IAKOUBOVA, Olga
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CU001466
; CURRENT APPLICATION NUMBER: US/60/466,412
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 429241
; SOFTWARE: FastSeq for Windows Version 4.0

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; SEQ ID NO 10289
; LENGTH: 757
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-466-412-10289

Query Match      99.9%; Score 3781; DB 32; Length 757;
Best Local Similarity 99.9%; Pred. No. 2.2e-236;
Matches 730; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GVPEGALPGGVPGGVYYPGAGLGGALGGALPGGKPKLPVPGGLAGAGLGGAGLGGAGPANT 60
   |||
Db 27 GVPPEALPGGVPGGVYYPGAGLGGALGGALPGGKPKLPVPGGLAGAGLGGAGLGGAGPANT 86
   |||

QY 61 PPGALVPGGVADAAAYAKAAXAGAGLGGVPGVGGGLGVSSAGAVVPPGAGVKPKVPGVGL 120
   |||
Db 87 PPGALVPGGVADAAAYAKAAXAGAGLGGVPGVGGGLGVSSAGAVVPPGAGVKPKVPGVGL 146
   |||

QY 121 PGVVPGGVLPGARFPQGVGLPGVPTGAGVPKAPGVGGAFAGIPGVGPFPGPGVPLGY 180
   |||
Db 147 PGVVPGGVLPGARFPQGVGLPGVPTGAGVPKAPGVGGAFAGIPGVGPFPGPGVPLGY 206
   |||

QY 181 PIKAPKLPGGYGLPYTTGKLPYGCPCGGVAGAAGKAGYPTGTGVPQAAAAAAAKAAAKF 240
   |||
Db 207 PIKAPKLPGGYGLPYTTGKLPYGCPCGGVAGAAGKAGYPTGTGVPQAAAAAAAKAAAKF 266
   |||

QY 241 GAGAAGVLPGVGGAGVPGVPGALPGIIGGIAGVTPPAAAAAANAANAANAAGLVPVG 300
   |||
Db 267 GAGAAGVLPGVGGAGVPGVPGALPGIIGGIAGVTPPAAAAAANAANAANAAGLVPVG 326
   |||

QY 301 PGFGPGVVGVPAGVPGVPGAGIPVVPVPGAGIPGAAVPGVVSPEAAAKAAAKAAYGAR 360
   |||
Db 327 PGFGPGVVGVPAGVPGVPGAGIPVVPVPGAGIPGAAVPGVVSPEAAAKAAAKAAYGAR 386
   |||

QY 361 PGVGVGGIPTTYGVGAGGPPGFGVGVGIGIPGVAGVPGVGVPGVGVPGVGLSPEAQAATA 420
   |||
Db 387 PGVGVGGIPTTYGVGAGGPPGFGVGVGIGIPGVAGVPGVGVPGVGVPGVGLSPEAQAATA 446
   |||

QY 421 AKAAYGVGTPPAAAAAKAAAAAOFGLVPGVGVAPGVGVGVGVGVGVGVGVGVGVGVGV 480
   |||
Db 447 AKAAYGVGTPPAAAAAKAAAAAOFGLVPGVGVAPGVGVGVGVGVGVGVGVGVGVGVGV 506
   |||

QY 481 VGVAPGVGVAPATPGCGVAAAKSAAKVAAKAOLRAAAGLGGAGIPGLGVGVGVGVGVGV 540
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Db 507 VGVAPGVGVAPATPGCGVAAAKSAAKVAAKAOLRAAAGLGGAGIPGLGVGVGVGVGVGV 566
   |||

QY 541 GVPGLGVGAGVPGFGAGADBGVRRSLSPELREGDPPSSOHLPTSPSPRPVPGALAAKAA 600
   |||
Db 567 GVPGLGVGAGVPGFGAGADBGVRRSLSPELREGDPPSSOHLPTSPSPRPVPGALAAKAA 626
   |||

QY 601 KYGAAPVGVGLGGALGGVIGVPGVGVGAGPAAAAAANAANAAGLGGVGV 660
   |||
Db 627 KYGAAPVGVGLGGALGGVIGVPGVGVGAGPAAAAAANAANAAGLGGVGV 686
   |||

QY 661 GLGVPGVGVGLGGIPPAANAANAAGLGGVGLGGAGQFPLGGVAAAPGFGLSPIPPGGA 720
   |||
Db 687 GLGVPGVGVGLGGIPPAANAANAAGLGGVGLGGAGQFPLGGVAAAPGFGLSPIPPGGA 746
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QY 721 CLGKACGRKKK 731
   |||
Db 747 CLGKACGRKKK 757

```

RESULT 5  
US-09-743-818-4  
; Sequence 4, Application US/09743818  
; GENERAL INFORMATION:  
; APPLICANT: The University of Sydney  
; TITLE OF INVENTION: Protease Susceptibility  
; FILE REFERENCE: Weiss Protease  
; CURRENT APPLICATION NUMBER: US/09/743-818  
; CURRENT FILING DATE: 2001-01-15  
; NUMBER OF SEQ. IDS NOS: 74



; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 4  
; LENGTH: 731  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-743-818-4

Query Match 99.7%; Score 3775; DB 21; Length 731;  
Best Local Similarity 99.7%; Pred. No. 5.2e-236;  
Matches 729; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GGVPAIGPGVPGVFFYPGAGLGGALGGGKPKVPKGLAGAGLGAFFPAVT 60  
Db 1 GGVPAIGPGVPGVFFYPGAGLGGALGGGKPKVPKGLAGAGLGAFFPAVT 60  
QY 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGLVGSAGAVVPQAGVPGKVPVGL 120  
Db 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGLVGSAGAVVPQAGVPGKVPVGL 120  
QY 121 PGVPGVLPGARPGVGLPGVPTGAGVKKKAGVGAAGAGIPGVPGFQGVPLGY 180  
Db 121 PGVPGVLPGARPGVGLPGVPTGAGVKKKAGVGAAGAGIPGVPGFQGVPLGY 180  
QY 181 PIKAPKPGGGLPYTTTKLPYCGPGVGAAGKAGYPTCTGVPQAAAAAATAAKAF 240  
Db 181 PIKAPKPGGGLPYTTTKLPYCGPGVGAAGKAGYPTCTGVPQAAAAAATAAKAF 240  
QY 241 GAGAGVLPVGGAGVPGVPGALPGTGGTAGVGPAAAAAATAAKYGAAGLVPGG 300  
Db 241 GAGAGVLPVGGAGVPGVPGALPGTGGTAGVGPAAAAAATAAKYGAAGLVPGG 300  
QY 301 PGFGVGVPGAGVPGVPGAGIPVPGAGIPVPGAGIPVPGAGIPVPGAGIPVPGAG 360  
Db 301 PGFGVGVPGAGVPGVPGAGIPVPGAGIPVPGAGIPVPGAGIPVPGAGIPVPGAG 360  
QY 361 PGVGVGGIPTTGAGAGVPGVPGVGGIPGVAGVPGVPGVPGVPGVPGVPGVPGV 420  
Db 361 PGVGVGGIPTTGAGAGVPGVPGVGGIPGVAGVPGVPGVPGVPGVPGVPGVPGV 420  
QY 421 AKAAKYGVGTGTPAAAAAATAAKAAQFGLVPGVAPGVPGVAPGVPGVAPGVPG 480  
Db 421 AKAAKYGVGTGTPAAAAAATAAKAAQFGLVPGVAPGVPGVAPGVPGVAPGVPG 480  
QY 481 VGVAPGVPAIPGPGVAAAAAATAAKAAQFGLVPGVAPGVPGVAPGVPGVPG 540  
Db 481 VGVAPGVPAIPGPGVAAAAAATAAKAAQFGLVPGVAPGVPGVAPGVPGVPG 540  
QY 541 GVPLGVGAGVPGFAGAGAGVRRSLSPRLREGDPSQHLPTSPSPRPVPGALAAKAA 600  
Db 541 GVPLGVGAGVPGFAGAGAGVRRSLSPRLREGDPSQHLPTSPSPRPVPGALAAKAA 600  
QY 601 KYGAAYPVGLGALGVGIPGVGVGAGPAAAAAATAAKAAQFGLYCAAGLGLGVG 660  
Db 601 KYGAAYPVGLGALGVGIPGVGVGAGPAAAAAATAAKAAQFGLYCAAGLGLGVG 660  
QY 661 GLGVPGVGLGAGIPVAAAAAATAAKYGAAGLGVGLGAGOFPLGGVAPRPGFGLSP 720  
Db 661 GLGVPGVGLGAGIPVAAAAAATAAKYGAAGLGVGLGAGOFPLGGVAPRPGFGLSP 720  
QY 721 CLKACGRKK 731  
Db 721 CLKACGRKK 731

## RESULT 6

US-09-463-091-2

; Sequence 2, Application US/09463091

; GENERAL INFORMATION:

; APPLICANT: WEISS, ANTHONY S

; UNIVERSITY, SYDNEY

; TITLE OF INVENTION: TROPOLASTIN DERIVATIVES

; NUMBER OF SEQUENCES: 15

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: GRIFFITH HACK  
; STREET: 168 WALKER STREET  
; CITY: NORTH SYDNEY  
; STATE: NEW SOUTH WALES  
; COUNTRY: AUSTRALIA  
; ZIP: 2060  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/463,091  
; FILING DATE: 31-Mar-2000  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: AU P08117  
; FILING DATE: 18-JUL-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GUMLEY, THOMAS P  
; REFERENCE/DOCKET NUMBER: 048282K  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 61 2 9957 5944  
; TELEFAX: 61 2 9957 6288  
; TELEX: 26547  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 733 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: <Unknown>  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-463-091-2

Query Match 99.7%; Score 3775; DB 18; Length 733;

Best Local Similarity 99.7%; Pred. No. 5.2e-236;

Matches 729; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GGVPAIGPGVPGVFFYPGAGLGGALGGGKPKVPKGLAGAGLGAFFPAVT 60  
Db 3 GGVPAIGPGVPGVFFYPGAGLGGALGGGKPKVPKGLAGAGLGAFFPAVT 62  
QY 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGLVGSAGAVVPQAGVPGKVPVGL 120  
Db 63 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGLVGSAGAVVPQAGVPGKVPVGL 122  
QY 121 PGVPGVLPGARPGVGLPGVPTGAGVKKKAGVGAAGAGIPGVPGFQGVPLGY 180  
Db 123 PGVPGVLPGARPGVGLPGVPTGAGVKKKAGVGAAGAGIPGVPGFQGVPLGY 182  
QY 181 PIKAPKPGGGLPYTTTKLPYCGPGVGAAGKAGYPTCTGVPQAAAAAATAAKAF 240  
Db 183 PIKAPKPGGGLPYTTTKLPYCGPGVGAAGKAGYPTCTGVPQAAAAAATAAKAF 242  
QY 241 GAGAGVLPVGGAGVPGVPGALPGTGGTAGVGPAAAAAATAAKYGAAGLVPGG 300  
Db 243 GAGAGVLPVGGAGVPGVPGALPGTGGTAGVGPAAAAAATAAKYGAAGLVPGG 302  
QY 301 PGFGVGVPGAGVPGVPGAGIPVPGAGIPVPGAGIPVPGAGIPVPGAGIPVPGAG 360  
Db 303 PGFGVGVPGAGVPGVPGAGIPVPGAGIPVPGAGIPVPGAGIPVPGAGIPVPGAG 362  
QY 361 PGVGVGGIPTTGAGAGVPGVPGVGGIPGVAGVPGVPGVPGVPGVPGVPGVPGV 420  
Db 363 PGVGVGGIPTTGAGAGVPGVPGVGGIPGVAGVPGVPGVPGVPGVPGVPGVPGV 422  
QY 421 AKAAKYGVGTGTPAAAAAATAAKAAQFGLVPGVAPGVPGVAPGVPGVAPGV 480  
Db 423 AKAAKYGVGTGTPAAAAAATAAKAAQFGLVPGVAPGVPGVAPGVPGVAPGV 482  
QY 481 VGVAPGVPAIPGPGVAAAAAATAAKAAQFGLVPGVAPGVPGVAPGVPGVPG 540  
Db 481 VGVAPGVPAIPGPGVAAAAAATAAKAAQFGLVPGVAPGVPGVAPGVPGVPG 540

D0 483 VGAPGVGAPGPGGVAATAAASAAKAAQRAAAGLAGAGTPGLGVGVGVPGLGVGA 542  
QY 541 GVPGLGVGAGVPGFAGAGADEGVRRLSPRLREGDPSSSHLPSTPSSPRVPFGALAAAKAA 600  
D0 543 GVPGLGVGAGVPGFAGAGADEGVRRLSPRLREGDPSSSHLPSTPSSPRVPFGALAAAKAA 602  
QY 601 KYGAAPVGVGLGALGVGTIPGGVVGAGPAAAAAATAAQAQFGLVGAAGLGLGVG 660  
D0 603 KYGAAPVGVGLGALGVGTIPGGVVGAGPAAAAAATAAQAQFGLVGAAGLGLGVG 662  
QY 661 GLGVPGVGGIGIPAAAAAATAAQAQFGLVGAAGLGLGVG 720  
D0 663 GLGVPGVGGIGIPAAAAAATAAQAQFGLVGAAGLGLGVG 722  
QY 721 CLGKACGRKRK 731  
D0 723 CLGKACGRKRK 733

RESULT 7  
PCT-US03-09391-2  
; Sequence 2, Application PC/TUS0309391  
; GENERAL INFORMATION:  
; APPLICANT: University of Utah Research Foundation  
; TITLE OF INVENTION: ELASTIN PREVENTS OCCLUSION OF BODY VESSELS BY VASCULAR SMOOTH  
; TITLE OF INVENTION: MUSCLE CELLS  
; FILE REFERENCE: HYDR-PWO-005  
; CURRENT APPLICATION NUMBER: PCT/US03/09391  
; CURRENT FILING DATE: 2003-03-27  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 2  
; LENGTH: 757  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
PCT-US03-09391-2

Query Match 99.7%; Score 3775; DB 1; Length 757;  
Best Local Similarity 99.7%; Pred. No. 5.4e-236;  
Matches 729; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GVPGLGVGAGVPGFAGAGADEGVRRLSPRLREGDPSSSHLPSTPSSPRVPFGALAAAKAA 60  
D0 27 GVPGLGVGAGVPGFAGAGADEGVRRLSPRLREGDPSSSHLPSTPSSPRVPFGALAAAKAA 86  
QY 61 FPGALVPGGVADAAAAAATAAQAQFGLVGAAGLGLGVG 120  
D0 87 FPGALVPGGVADAAAAAATAAQAQFGLVGAAGLGLGVG 146  
QY 121 PGVPGVLPGARFPFPGVGLPVTGAGVKPAPGVGAFAGIPGVGPFPGGPGPGVPLGY 180  
D0 147 PGVPGVLPGARFPFPGVGLPVTGAGVKPAPGVGAFAGIPGVGPFPGGPGPGVPLGY 206  
QY 181 PIKAPLPGGYGLPTTKLPIGYGPGVAGAGAGAGTGTGTGVPQAAAAAATAAQAQF 240  
D0 207 PIKAPLPGGYGLPTTKLPIGYGPGVAGAGAGAGTGTGTGVPQAAAAAATAAQAQF 266  
QY 241 GAGAAGVLPGVGAGVPGVPCAIPIGIGIAGVGTAAAAAATAAQAQFGLVGAAGLVP 300  
D0 267 GAGAAGVLPGVGAGVPGVPCAIPIGIGIAGVGTAAAAAATAAQAQFGLVGAAGLVP 326  
QY 301 PGFPGVGVGAGVPGVPGVPCAIPIGIGIAGVGTAAAAAATAAQAQFGLVGAAGLVP 360  
D0 327 PGFPGVGVGAGVPGVPGVPCAIPIGIGIAGVGTAAAAAATAAQAQFGLVGAAGLVP 386  
QY 361 PGVGVGIPITYGVGAGGPGFPGVGVGIPGVAGVPGVGVGIPGVAGVPGVGVGIPGVAGV 420  
D0 387 PGVGVGIPITYGVGAGGPGFPGVGVGIPGVAGVPGVGVGIPGVAGVPGVGVGIPGVAGV 446  
QY 421 AKAAKYGVTTPAAAAAATAAQAQFGLVGAAGLVPGVGAPGVGAPGVGAPGVGAPGV 480  
D0 447 AKAAKYGVTTPAAAAAATAAQAQFGLVGAAGLVPGVGAPGVGAPGVGAPGVGAPGV 506

QY 481 VGAPGVGAPGPGGVAATAAASAAKAAQRAAAGLAGAGTPGLGVGVGVPGLGVGA 540  
D0 507 VGAPGVGAPGPGGVAATAAASAAKAAQRAAAGLAGAGTPGLGVGVGVPGLGVGA 566  
QY 541 GVPGLGVGAGVPGFAGAGADEGVRRLSPRLREGDPSSSHLPSTPSSPRVPFGALAAAKAA 600  
D0 567 GVPGLGVGAGVPGFAGAGADEGVRRLSPRLREGDPSSSHLPSTPSSPRVPFGALAAAKAA 626  
QY 601 KYGAAPVGVGLGALGVGTIPGGVVGAGPAAAAAATAAQAQFGLVGAAGLGLGVG 660  
D0 627 KYGAAPVGVGLGALGVGTIPGGVVGAGPAAAAAATAAQAQFGLVGAAGLGLGVG 686  
QY 661 GLGVPGVGGIGIPAAAAAATAAQAQFGLVGAAGLGLGVG 720  
D0 687 GLGVPGVGGIGIPAAAAAATAAQAQFGLVGAAGLGLGVG 746  
QY 721 CLGKACGRKRK 731  
D0 747 CLGKACGRKRK 757

RESULT 8  
US-09-463-091-3  
; Sequence 3, Application US/09463091  
; GENERAL INFORMATION:  
; APPLICANT: WEISS, ANTHONY S  
; UNIVERSITY, SYDNEY  
; TITLE OF INVENTION: TROPOELASTIN DERIVATIVES  
; NUMBER OF SEQUENCES: 15  
; CORRESPONDENCE ADDRESS:  
; ADDRESSES: GRIFFITH HACK  
; STREET: 168 WALKER STREET  
; CITY: NORTH SYDNEY  
; STATE: NEW SOUTH WALES  
; COUNTRY: AUSTRALIA  
; ZIP: 2060  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/463,091  
; FILING DATE: 31-Mar-2000  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: AU P08117  
; FILING DATE: 18-JUL-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GUMLEY, THOMAS P  
; REFERENCE/DOCKET NUMBER: 048282K  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 61 2 9957 5944  
; TELEFAX: 61 2 9957 6288  
; TELEX: 26547  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 698 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: <unknown>  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
US-09-463-091-3

Query Match 94.5%; Score 3578.5; DB 18; Length 698;  
Best Local Similarity 95.2%; Pred. No. 2.7e-223;  
Matches 696; Conservative 0; Mismatches 2; Indels 33; Gaps 1;

QY 1 GVPGLGVGAGVPGFAGAGADEGVRRLSPRLREGDPSSSHLPSTPSSPRVPFGALAAAKAA 60  
D0 1 GVPGLGVGAGVPGFAGAGADEGVRRLSPRLREGDPSSSHLPSTPSSPRVPFGALAAAKAA 60



```

Query Match          94.2%; Score 3565.5; DB 25; Length 730;
Best Local Similarity 94.4%; Pred. No. 2e-222;
Matches 696; Conservative 0; Mismatches 2; Indels 39; Gaps 2;

QY 1 GGVPGAIPGGVPGGVYFYGAGLGGALGPGGKPLKVPVGGLAGAGLGGAGPAPVAT 60
   |||||
Db 27 GGVPGAIPGGVPGGVYFYGAGLGGALGPGGKPLKVPVGGLAGAGLGGAGPAPVAT 86

QY 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGSAGAVVPPQAGVYKPKVPGVGL 120
   |||||
Db 87 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGSAGAVVPPQAGVYKPKVPGVGL 146

QY 121 PGVYPGGVLPGARFPGVGVLPVGTGAGYKPKAPGVGGAFAGIPGVGPGPGVPLGY 180
   |||||
Db 147 PGVYPGGVLPGARFPGVGVLPVGTGAGYKPKAPGVGGAFAGIPGVGPGPGVPLGY 206

QY 181 PIKAPLPGGYGLPYTTCKLPYGYGPGVAGAGKAGYPTGTGVPQAAAAAATAKAAKF 240
   |||||
Db 207 PIKAPLPGGYGLPYTTCKLPYGYGPGVAGAGKAGYPTGTGVPQAAAAAATAKAAKF 266

QY 241 GAGAAGVLPVGGAGVPGVPGAGIPVPGAGIPGAAYVGVVSPAAAAAATAKAAKYGAR 360
   |||||
Db 327 PGFPGVGVPGAGVPGVPGAGIPVPGAGIPGAAYVGVVSPAAAAAATAKAAKYGAR 386

QY 361 PGVGVGGIPTYGVAGGPPGPGVPGVGGIPGVAGVPGVGGVPGVGGVPGVGGVPGV 420
   |||||
Db 387 PGVGVGGIPTYGVAGGPPGPGVPGVGGIPGVAGVPGVGGVPGVGGVPGVGGVPGV 446

QY 421 AKAAKYGVTGTPAAAAAATAKAAKAF-----GLVPGVGVAPGVGVAPGVGVGLAPG 474
   |||||
Db 447 AKAAKYGVTGTPAAAAAATAKAAKAFALLNLNLAGLPGVGVAPGVGVAPGVGVGLAPG 506

QY 475 VGVAPGVGVAPGVGVAPGAIPGGVAAAAAATAKAAKAAKAAKAAKAAKAAKAAK 534
   |||||
Db 507 VGVAPGVGVAPGVGVAPGAIPGGVAAAAAATAKAAKAAKAAKAAKAAKAAKAAK 566

QY 535 GLGVGAGVPLGVGAGVPGFAGADEGRRSLSPELREGDPSSSOHLPTSPSPRVPFGL 594
   |||||
Db 567 GLGVGAGVPLGVGAGVPGFAGADEGRRSLSPELREGDPSSSOHLPTSPSPRVPFGL 593

QY 595 AAATAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 654
   |||||
Db 594 AAATAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 653

QY 655 GGLGVGGLGVPGVGGVGGIPPAATAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 714
   |||||
Db 654 GGLGVGGLGVPGVGGVGGIPPAATAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 713

```

## RESULT 11

US-09-554-996-3

```

; Sequence 3, Application US/09554996
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Keating, Mark T.
; APPLICANT: Li, Dean Y.
; TITLE OF INVENTION: ELASTIN-BASED COMPOSITIONS
; FILE REFERENCE: 22458-702
; CURRENT APPLICATION NUMBER: US/09/554,996
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US00/02526
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: US 09/258,217
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 8

```

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 712
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-554-996-3

Query Match          91.4%; Score 3458.5; DB 19; Length 712;
Best Local Similarity 92.1%; Pred. No. 1.7e-215;
Matches 679; Conservative 0; Mismatches 1; Indels 57; Gaps 3;

```

```

QY 1 GGVPGAIPGGVPGGVYFYGAGLGGALGPGGKPLKVPVGGLAGAGLGGAGPAPVAT 60
   |||||
Db 27 GGVPGAIPGGVPGGVYFYGAGLGGALGPGGKPLKVPVGGLAGAGLGGAGPAPVAT 86

QY 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGSAGAVVPPQAGVYKPKVPGVGL 120
   |||||
Db 87 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGSAGAVVPPQAGVYKPKVPGVGL 146

QY 121 PGVYPGGVLPGARFPGVGVLPVGTGAGYKPKAPGVGGAFAGIPGVGPGPGVPLGY 180
   |||||
Db 147 PGVYPGGVLPGARFPGVGVLPVGTGAGYKPKAPGVGGAFAGIPGVGPGPGVPLGY 206

QY 181 PIKAPLPGGYGLPYTTCKLPYGYGPGVAGAGKAGYPTGTGVPQAAAAAATAKAAKF 240
   |||||
Db 207 PIKAPLPGGYGLPYTTCKLPYGYGPGVAGAGKAGYPTGTGVPQAAAAAATAKAAKF 266

QY 241 GAGAAGVLPVGGAGVPGVPGAGIPVPGAGIPGAAYVGVVSPAAAAAATAKAAKYGAR 300
   |||||
Db 267 GAGAAGVLPVGGAGVPGVPGAGIPVPGAGIPGAAYVGVVSPAAAAAATAKAAKYGAR 326

QY 301 PGFPGVGVPGAGVPGVPGAGIPVPGAGIPGAAYVGVVSPAAAAAATAKAAKYGAR 360
   |||||
Db 327 PGFPGVGVPGAGVPGVPGAGIPVPGAGIPGAAYVGVVSPAAAAAATAKAAKYGAR 386

QY 361 PGVGVGGIPTYGVAGGPPGPGVPGVGGIPGVAGVPGVGGVPGVGGVPGVGGVPGV 420
   |||||
Db 387 PGVGVGGIPTYGVAGGPPGPGVPGVGGIPGVAGVPGVGGVPGVGGVPGVGGVPGV 446

QY 421 AKAAKYGVTGTPAAAAAATAKAAKAF-----GLVPGVGVAPGVGVAPGVGVGLAPG 474
   |||||
Db 447 AKAAKYGVTGTPAAAAAATAKAAKAFALLNLNLAGLPGVGVAPGVGVAPGVGVGLAPG 506

QY 475 VGVAPGVGVAPGVGVAPGAIPGGVAAAAAATAKAAKAAKAAKAAKAAKAAKAAK 534
   |||||
Db 507 VGVAPGVGVAPGVGVAPGAIPGGVAAAAAATAKAAKAAKAAKAAKAAKAAKAAK 566

QY 535 GLGVGAGVPLGVGAGVPGFAGADEGRRSLSPELREGDPSSSOHLPTSPSPRVPFGL 594
   |||||
Db 567 GLGVGAGVPLGVGAGVPGFAGADEGRRSLSPELREGDPSSSOHLPTSPSPRVPFGL 593

QY 595 AAATAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 654
   |||||
Db 594 AAATAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 653

QY 655 GGLGVGGLGVPGVGGVGGIPPAATAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 714
   |||||
Db 654 GGLGVGGLGVPGVGGVGGIPPAATAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 695

```

## RESULT 12

US-09-554-996-8

```

; Sequence 8, Application US/09554996
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Keating, Mark T.
; APPLICANT: Li, Dean Y.
; TITLE OF INVENTION: ELASTIN-BASED COMPOSITIONS
; FILE REFERENCE: 22458-702

```

```

; CURRENT APPLICATION NUMBER: US/09/554,996
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US00/02526
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: US 09/258,217
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 730
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human elastin-c-myc fusion
US-09-554-996-8

Query Match      91.4%; Score 3458.5; DB 19; Length 730;
Best Local Similarity 92.1%; Pred. No. 1.7e-215;
Matches 679; Conservative 0; Mismatches 1; Indels 57; Gaps 3;

QY 1 GGVPGALPGVPGGVYFPGAGLGGALGGGKPLKVPDGLAGAGLGAFFPVT 60
Db 36 GGVPGALPGVPGGVYFPGAGLGGALGGGKPLKVPDGLAGAGLGAFFPVT 95
QY 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVSGAVVPPQPGKVPVGL 120
Db 96 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVSGAVVPPQPGKVPVGL 155
QY 121 PGVYPGVLPGARFPGVGLPVPPTGAGYKPKAPGVGGAFAGIPGVPGGPQPVPLGY 180
Db 156 PGVYPGVLPGARFPGVGLPVPPTGAGYKPKAPGVGGAFAGIPGVPGGPQPVPLGY 215
QY 181 PIKAPKLPGGYGLPYTKLPYGVGGVAGAGKAGYPTGTGVPQAAAAAARAAKF 240
Db 216 PIKAPKLPGGYGLPYTKLPYGVGGVAGAGKAGYPTGTGVPQAAAAAARAAKF 275
QY 241 GAGAGVLPVGGAGVPGVPGAIPTGIGTAGVGTTPAAAAAARAAKATGAAGLVP 300
Db 276 GAGAGVLPVGGAGVPGVPGAIPTGIGTAGVGTTPAAAAAARAAKATGAAGLVP 335
QY 301 PGGPGVGVPGAGVPGVPGAGIPVTPGAGIPGAAPVGVVSPAAAAAARAAKYGAR 360
Db 336 PGGPGVGVPGAGVPGVPGAGIPVTPGAGIPGAAPVGVVSPAAAAAARAAKYGAR 395
QY 361 PGVGVGGIPTYGVGAGGFPFGVGVGGIPGVAGVPGVGVPGVGVGVPISPEAQAAA 420
Db 396 PGVGVGGIPTYGVGAGGFPFGVGVGGIPGVAGVPGVGVPGVGVGVPISPEAQAAA 455
QY 421 AKAAKYGVTTPAAAAAARAAKAAQF-----GLVPGVGVPGVGVAGVPGVGLAPG 474
Db 456 AKAAKYGVTTPAAAAAARAAKAAQFALLNLAGLVPGVGVAGVPGVGVAGVPGVGLAPG 515
QY 475 VGVAPGVGVAGVGVAPAGVPGVYAAAKAAKAAQALRAAAAGLGGIPGLGVGVVP 534
Db 516 VGVAPGVGVAGVGVAGVPGVYAAAKAAKAAQALRAAAAGLGGIPGLGVGVVP 575
QY 535 GLGVGAGVPLGVGAGVPGVPGAGADEGVRRSLSPRLREGDPSSSQHLPTSPSPRVPGAL 594
Db 576 GLGVGAGVPLGVGAGVPGVPGAGADEGVRRSLSPRLREGDPSSSQHLPTSPSPRVPGAL 602
QY 595 AAKAAKYGAAVPGVGLGGALGGVTPGGVGVGAGPAAAAAARAAKAAQALRAAGL 654
Db 603 AAKAAKYGAAVPGVGLGGALGGVTPGGVGVGAGPAAAAAARAAKAAQALRAAGL 662
QY 655 GGLSVGGLGVPGVGGIGIPPAARAAKAAKATGAAGLGGVGGAGVPGVGGVPGVGLSP 714
Db 663 GGLSVGGLGVPGVGGIGIPPAARAAKAAKATGAAGLGGVGGAGVPGVGGVPGVGLSP 704
QY 715 IFPGGACLGKACGRKK 731
Db 705 IFPGGACLGKACGRKK 721
```

```

RESULT 13
US-09-760-494-217
; Sequence 217, Application US/09760494
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC018
; CURRENT APPLICATION NUMBER: US/09/760,494
; CURRENT FILING DATE: 2001-01-16
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 258
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 217
; LENGTH: 772
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (25)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (192)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (488)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (647)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-760-494-217

Query Match      91.2%; Score 3450.5; DB 22; Length 772;
Best Local Similarity 92.5%; Pred. No. 6e-215;
Matches 676; Conservative 0; Mismatches 4; Indels 51; Gaps 2;

QY 1 GGVPGALPGVPGGVYFPGAGLGGALGGGKPLKVPDGLAGAGLGAFFPVT 60
Db 93 GGVPGALPGVPGGVYFPGAGLGGALGGGKPLKVPDGLAGAGLGAFFPVT 152
QY 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVSGAVVPPQPGKVPVGL 120
Db 153 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVSGAVVPPQPGKVPVGL 212
QY 121 PGVYPGVLPGARFPGVGLPVPPTGAGYKPKAPGVGGAFAGIPGVPGGPQPVPLGY 180
Db 213 PGVYPGVLPGARFPGVGLPVPPTGAGYKPKAPGVGGAFAGIPGVPGGPQPVPLGY 272
QY 181 PIKAPKLPGGYGLPYTKLPYGVGGVAGAGKAGYPTGTGVPQAAAAAARAAKF 240
Db 273 PIKAPKLPGGYGLPYTKLPYGVGGVAGAGKAGYPTGTGVPQAAAAAARAAKF 332
QY 241 GAGAGVLPVGGAGVPGVPGAIPTGIGTAGVGTTPAAAAAARAAKATGAAGLVP 300
Db 333 GAGAGVLPVGGAGVPGVPGAIPTGIGTAGVGTTPAAAAAARAAKATGAAGLVP 392
QY 301 PGGPGVGVPGAGVPGVPGAGIPVTPGAGIPGAAPVGVVSPAAAAAARAAKYGAR 360
Db 393 PGGPGVGVPGAGVPGVPGAGIPVTPGAGIPGAAPVGVVSPAAAAAARAAKYGAR 452
QY 361 PGVGVGGIPTYGVGAGGFPFGVGVGGIPGVAGVPGVGVPGVGVGVPISPEAQAAA 420
Db 453 PGVGVGGIPTYGVGAGGFPFGVGVGGIPGVAGVPGVGVPGVGVGVPISPEAQAAA 512
QY 421 AKAAKYGVTTPAAAAAARAAKAAQFGLVPGVGVAGVPGVGVAGVPGVGLAPGVGAP 480
Db 513 AKAAKYGVTTPAAAAAARAAKAAQFGLVPGVGVAGVPGVGVAGVPGVGLAPGVGAP 572
QY 481 VGVAPGVGVAGVPGVGVAGVPGVYAAAKAAKAAQALRAAGLGGIPGLGVGVPGVGL 540
Db 573 VGVAPGVGVAGVPGVGVAGVPGVYAAAKAAKAAQALRAAGLGGIPGLGVGVPGVGL 632
QY 541 GVPGLGVGAGVPGVPGAGADEGVRRSLSPRLREGDPSSSQHLPTSPSPRVPGALAAKAA 600
Db 541 GVPGLGVGAGVPGVPGAGADEGVRRSLSPRLREGDPSSSQHLPTSPSPRVPGALAAKAA 600
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Db 633 GVPGLGVGAGVPGEXA-----VPGALAAKAA 659  
 QY 601 KYGAAPVGLGGLGALGVGIPGVGAGPAAAAAAXAAKAAQFGLVGAAGLGLGVG 660  
 Db 660 KYGAAPVGLGGLGALGVGIPGVGAGPAAAAAAXAAKAAQFGLVGAAGLGLGVG 719  
 QY 661 GLGVPGVGGIGLGPAAAAAKKYGAAGLGVGGAGQFPLGGVYAAPGFLSPIPPGGA 720  
 Db 720 GLGVPGVGGIGLGPAAAAAKKY-----GVAARPFGFLSPIPPGGA 761  
 QY 721 CLGKACGRKK 731  
 Db 762 CLGKACGRKK 772

## RESULT 14

US-10-223-026-217  
 ; Sequence 217, Application us/10223026  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rosen et al.  
 ; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
 ; FILE REFERENCE: PC018CLN  
 ; CURRENT APPLICATION NUMBER: US/10/223,026  
 ; CURRENT FILING DATE: 2002-08-19  
 ; PRIOR APPLICATION NUMBER: 09/760,494  
 ; PRIOR FILING DATE: 2001-01-16  
 ; PRIOR APPLICATION NUMBER: 60/179,065  
 ; PRIOR FILING DATE: 2000-01-31  
 ; PRIOR APPLICATION NUMBER: 60/180,628  
 ; PRIOR FILING DATE: 2000-02-04  
 ; PRIOR APPLICATION NUMBER: 60/214,886  
 ; PRIOR FILING DATE: 2000-06-28  
 ; PRIOR APPLICATION NUMBER: 60/217,487  
 ; PRIOR FILING DATE: 2000-07-11  
 ; PRIOR APPLICATION NUMBER: 60/225,758  
 ; PRIOR FILING DATE: 2000-08-14  
 ; PRIOR APPLICATION NUMBER: 60/220,963  
 ; PRIOR FILING DATE: 2000-07-26  
 ; PRIOR APPLICATION NUMBER: 60/217,496  
 ; PRIOR FILING DATE: 2000-07-11  
 ; PRIOR APPLICATION NUMBER: 60/225,447  
 ; PRIOR FILING DATE: 2000-08-14  
 ; PRIOR APPLICATION NUMBER: 60/218,290  
 ; PRIOR FILING DATE: 2000-07-14  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 258  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 217  
 ; LENGTH: 772  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (25)  
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (192)  
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (488)  
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (647)  
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 ; US-10-223-026-217

## Query Match

91.2%; Score 3450.5; DB 28; Length 772;

Best Local Similarity 92.5%; Fred. No. 6e-215;

Matches 676; Conservative 0; Mismatches 4; Indels 51; Gaps 2;

QY 1 GGVPGALPGVPGGVYFPCAGLGGALGGGKPLKVPFGGLAGLGGAGLGAFFAVT 60  
 Db 93 GGVPGALPGVPGGVYFPCAGLGGALGGGKPLKVPFGGLAGLGGAGLGAFFAVT 152  
 QY 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGILGVSGAGAVPQPGAGVKGKVPGL 120  
 Db 153 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGILGVSGAXAVPQPGAGVKGKVPGL 212  
 QY 121 PGVPGGVLPGARFPFGVGLPVTGAGVKAPGVGGAFAGIFGVGPGPGVPLGY 180  
 Db 213 PGVPGGVLPGARFPFGVGLPVTGAGVKAPGVGGAFAGIFGVGPGPGVPLGY 272  
 QY 181 PIKAPKLPGYGLPYTTCKLPGYGVGPGSVAGAGKAGYPTGTGVPQAAAAAKAAKAF 240  
 Db 273 PIKAPKLPGYGLPYTTCKLPGYGVGPGSVAGAGKAGYPTGTGVPQAAAAAKAAKAF 332  
 QY 241 GAGAAGVLEFGVGAGVPGVPGALPGIGLGGTAGVGTFAAAAAAAXAAKAYCAAGLVPGG 300  
 Db 333 GAGAAGVLEFGVGAGVPGVPGALPGIGLGGTAGVGTFAAAAAAAXAAKAYCAAGLVPGG 392  
 QY 301 PGFGPGVGVPGAGVPGVPGAGIPVPGAGIPGAAPVPGVGVSPAAAAKAAKAYGAR 360  
 Db 393 PGFGPGVGVPGAGVPGVPGAGIPVPGAGIPGAAPVPGVGVSPAAAAKAAKAYGAR 452  
 QY 361 PGVGVGGIPTYGAGAGPFGVGGIPGVGAGVPGVPGVGGVPGVGGISPEAAAAA 420  
 Db 453 PGVGVGGIPTYGAGAGPFGVGGIPGVGAGVPGVGGVPGVGGVPGVGGISPEAAAAA 512  
 QY 421 AKAAKYGVTTPAAAAAAXAAKAAQFGLVPGVGVGAPGVGAPGVGAPGVGAPGVGAPG 480  
 Db 513 AKAAKYGVTTPAAAAAAXAAKAAQFGLVPGVGVGAPGVGAPGVGAPGVGAPGVGAPG 572  
 QY 481 VGVAPGVGAPVAPALPGSVGVAAXAAKAAKAAQFGLVPGVGVGAPGVGAPGVGAPGVG 540  
 Db 573 VGVAPGVGAPVAPALPGSVGVAAXAAKAAKAAQFGLVPGVGVGAPGVGAPGVGAPGVG 632  
 QY 541 GVPGLGVGAGVPGFAGAGADGVRRLSPELREGDPSSSOHLFPSTPSPRVPVPGALAAKAA 600  
 Db 633 GVPGLGVGAGVPGFAXA-----VPGALAAKAA 659  
 QY 601 KYGAAPVGLGGLGALGVGIPGVGAGPAAAAAAXAAKAAQFGLVGAAGLGLGVG 660  
 Db 660 KYGAAPVGLGGLGALGVGIPGVGAGPAAAAAAXAAKAAQFGLVGAAGLGLGVG 719  
 QY 661 GLGVPGVGGIGLGPAAAAAKKYGAAGLGVGGAGQFPLGGVYAAPGFLSPIPPGGA 720  
 Db 720 GLGVPGVGGIGLGPAAAAAKKY-----GVAARPFGFLSPIPPGGA 761  
 QY 721 CLGKACGRKK 731  
 Db 762 CLGKACGRKK 772

## RESULT 15

US-10-210-172-38

; Sequence 38, Application US/10210172

; GENERAL INFORMATION:

; APPLICANT: Kekuda, Ramesh

; APPLICANT: Miller, Charles

; APPLICANT: Patturajan, Meera

; APPLICANT: Pena, Carol

; APPLICANT: Rieger, Daniel

; APPLICANT: Shinkets, Richard

; APPLICANT: Zerhusen, Bryan

; APPLICANT: Li, Li

; APPLICANT: Ji, Weizhen

; APPLICANT: Padigaru, Muralidhara

; APPLICANT: Casman, Stacie

; APPLICANT: Voss, Edward

; APPLICANT: Boldog, Ferenc

; APPLICANT: Gorman, Linda

; APPLICANT: Leite, Mario

; APPLICANT: Vernet, Corine









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QY 1 GGVPCALPGVPGGVYFPGAGLGGALGGALGPGGKPLKVPVPGIAGAGLGAAGPAAVT 60
Db 27 GGVPCALPGVPGGVYFPGAGLGGALGGALGPGGKPLKVPVPGIAGAGLGAAGPAAVT 74
QY 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGLVAGVAVVPGAGVKGKVPVGL 120
Db 75 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGLVAGVAVVPGAGVKGKVPVGL 134
QY 121 PGVYVPGVGLFARFPGVGLVPGTGAAGVPGKAPVGGAGFAGIPGVGPGPGPQVPLGY 180
Db 135 PGVYVPGVGLFARFPGVGLVPGTGAAGVPGKAPVGGAGFAGIPGVGPGPGPQVPLGY 184
QY 181 PIKAPKLPGGYGLPYTTKLYGPGVAGAAKAGYGTGTGVPQAAAAKAAKAAKF 240
Db 185 PIKAPKLPGGYGLPYTTKLYGPGVAGAAKAGYGTGTGVPQAAAAKAAKAAKF 244
QY 241 GAGAAGVLPVGGAGVPGVPAIFGIGIAGVGTAAAAKAAKAAKAAKAAKAAKAA 300
Db 245 GAGAAGVLPVGGAGVPGVPAIFGIGIAGVGTAAAAKAAKAAKAAKAAKAAKAA 304
QY 301 PGFPGVYVPGAGVPGVPGAGIPVVPAGIPGAAGVPGVSPAAKAAKAAKAAKAA 360
Db 305 PGFPGVYVPGAGVPGVPGAGIPVVPAGIPGAAGVPGVSPAAKAAKAAKAAKAA 364
QY 361 PGVGVGGIPTYGVAGGPGFPGVGGIPGVAGVPGVPGVPGVPGVPGVPGVPGV 420
Db 365 PGVGVGGIPTYGVAGGPGFPGVGGIPGVAGVPGVPGVPGVPGVPGVPGVPGV 424
QY 421 AKAAYKGVGTAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 480
Db 425 AKAAYKGVGTAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 484
QY 481 VGVAPGVVAPAIAGPGVAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 540
Db 485 VGVAPGVVAPAIAGPGVAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 544
QY 541 GVPLGLVAGVPGVPGAGAGVRSLSPELRREGDPSSSOHLPTSPSPRVPALAA 600
Db 545 GVPLGLVAGVPGVPGAGAGVRSLSPELRREGDPSSSOHLPTSPSPRVPALAA 571
QY 601 KYGAAVPGVLGLGALGVGIPGGVAGPAAAAKAAKAAKAAKAAKAAKAAKAAKAA 660
Db 572 KYGAAVPGVLGLGALGVGIPGGVAGPAAAAKAAKAAKAAKAAKAAKAAKAAKAA 631
QY 661 GLVYVPGVGLGGLTIPAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 720
Db 632 GLVYVPGVGLGGLTIPAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 691
QY 721 CLGKACGRKK 731
Db 692 CLGKACGRKK 702
RESULT 4
PCT-US02-24483-40
; Sequence 40. Application PC/TUS0224483
; GENERAL INFORMATION:
; APPLICANT: Curagen Corp. et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-416A-061
; CURRENT APPLICATION NUMBER: PCT/US02/24483
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,994
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/373,814
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
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; PRIOR APPLICATION NUMBER: 60/310,544
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/313,201
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/312,892
; PRIOR FILING DATE: 2001-08-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 327
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 40
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-24483-40
Query Match 88.0%; Score 3329.5; DB 1; Length 692;
Best Local Similarity 89.3%; Pred. No. 1.5e-48;
Matches 658; Conservative 0; Mismatches 2; Indels 77; Gaps 3;
QY 1 GGVPCALPGVPGGVYFPGAGLGGALGGALGPGGKPLKVPVPGIAGAGLGAAGPAAVT 60
Db 27 GGVPCALPGVPGGVYFPGAGLGGALGGALGPGGKPLKVPVPGIAGAGLGAAGPAAVT 86
QY 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGLVAGVAVVPGAGVKGKVPVGL 120
Db 87 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGLVAGVAVVPGAGVKGKVPVGL 141
QY 121 PGVYVPGVGLFARFPGVGLVPGTGAAGVPGKAPVGGAGFAGIPGVGPGPGPQVPLGY 180
Db 142 -----PGVGGAGFAGIPGVGPGPGPQVPLGY 168
QY 181 PIKAPKLPGGYGLPYTTKLYGPGVAGAAKAGYGTGTGVPQAAAAKAAKAAKF 240
Db 169 PIKAPKLPGGYGLPYTTKLYGPGVAGAAKAGYGTGTGVPQAAAAKAAKAAKF 228
QY 241 GAGAAGVLPVGGAGVPGVPAIFGIGIAGVGTAAAAKAAKAAKAAKAAKAAKAAKAA 300
Db 229 GAGAAGVLPVGGAGVPGVPAIFGIGIAGVGTAAAAKAAKAAKAAKAAKAAKAAKAA 288
QY 301 PGFPGVYVPGAGVPGVPGAGIPVVPAGIPGAAGVPGVSPAAKAAKAAKAAKAAK 360
Db 289 PGFPGVYVPGAGVPGVPGAGIPVVPAGIPGAAGVPGVSPAAKAAKAAKAAKAAK 348
QY 361 PGVGVGGIPTYGVAGGPGFPGVGGIPGVAGVPGVPGVPGVPGVPGVPGVPGV 420
Db 349 PGVGVGGIPTYGVAGGPGFPGVGGIPGVAGVPGVPGVPGVPGVPGVPGVPGV 408
QY 421 AKAAYKGVGTAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 474
Db 409 AKAAYKGVGTAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 468
QY 475 VGVAPGVVAPGVVAPAIAGPAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 534
Db 469 VGVAPGVVAPGVVAPAIAGPAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 528
QY 535 GLGVAGVPLGVAGVPGFPGAGAGVRRSLSPELRREGDPSSSOHLPTSPSPRVP 594
Db 529 GLGVAGVPLGVAGVPGFPGAGAGVRRSLSPELRREGDPSSSOHLPTSPSPRVP 555
QY 595 AKAAYKAAVPGVGLGALGVGIPGGVAGPAAAAKAAKAAKAAKAAKAAKAAKAA 654
Db 556 AKAAYKAAVPGVGLGALGVGIPGGVAGPAAAAKAAKAAKAAKAAKAAKAAKAA 615
QY 655 GGLGVGGLVPGVGGIIPAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 714
Db 616 GGLGVGGLVPGVGGIIPAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 675
QY 715 IFFPGACLGKACGRKK 731
Db 715 IFFPGACLGKACGRKK 731
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Db 928 DWLPGKPSMDKVDMSNMKGKGDQGEKQIGIPGEKSGRDGP--TPGVPRKDG---Q 982
QY 351 AAKAAKVGARPPGVGGIPTTCVAGACGFPG-----FGVGVGIPVAGVPPGVGVG 405
Db 983 AGQPGPPGKPGDPIGSGTP-----GAPGLPGKSGVGMGLPTGPEKGVPIPGPQGSFG 1038
QY 406 VPGVGISPEAQAATAAKAAKYGVGTAAAAAATAAKAAQFGLVPG-----VGVAPGVG 458
Db 1039 LFG-----DKAKGKGQAGPPIGIPGIRGEKGDQIAGFPSPSGEKGSGIGI-PCMP 1093
QY 459 VAPGVGVAPG-VGLAPGVGV-----APGVGVAPGV-----GVAPATPGGVAA--AAK 503
Db 1094 GSPCLKSGPSGVPIGSPCLPEKGDGLDIPGVKGEAGLPGTPTGPTGAGQKGE 1153
QY 504 SAAKVAARLAARAL-CAGIPGLGVG-----VGPVGLGVAGVPG-----LG 546
Db 1154 GSDIPSGAGEKEFELPGRFPFPGAKDGKSGKEVGFPLAGSPIPIGSGKEQGFMG 1213
QY 547 VGA-----GVPGFGAGADEGVRRSLSPELREGDPSSQHLPTSTPSRPVPG--ALAAAKA 599
Db 1214 PPGPQGGPGLPSPGHATEGPKDGRGPGQGPGLPG---LPGPMGPPGLPIDGVKGDG 1269
QY 600 AKYCAAVPVGLSGALGVGIPGVVAGAPAAAAAATAAKAAQFGLVGAAGLGL-G 658
Db 1270 NPGWPGAPGVPEPKDPPFQGMGP--IGGSFGITGSKGDMGPPGVY-GFQPKGLPGLQ 1326
QY 659 V-----GGLGVPGVGGILGGIP-----PAAAKAAKYAAGLGGVLLGAGQFPLG 702
Db 1327 IKGDQDQGVGAKGLPFPFPDPIIIXGEPLGPDPGPPGLKGLQGLPCKPGKQGVY 1386
QY 703 GVAARPPGLSPFIFFG 718
Db 1387 GLVGIQG---PPGIQG 1399

RESULT 7
US-60-487-610-2047
; Sequence 2047, Application US/60487610
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; APPLICANT: HUANG, Hongjin
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRUS-INFECTED SUBJECTS,
; TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001469
; CURRENT APPLICATION NUMBER: US/60/487,610
; CURRENT FILING DATE: 2003-07-17
; NUMBER OF SEQ ID NOS: 97101
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2047
; LENGTH: 1268
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-487-610-2047

Query Match 15.9%; Score 601.5; DB 7; Length 1268;
Best Local Similarity 31.3%; Pred. No. 0.00013;
Matches 255; Conservative 43; Mismatches 295; Indels 222; Gaps 44;

QY 2 GVPQA--IPG--GVPGGVFPYD--AGLALGG-----GALGPGGKP-LKPVPGLAGAGLG 50
Db 564 GSPGAPGLPGLPTGQDGLPLGPKGEPGGITFKGERGPPGNPGLPLPGLPGLPGLPGLP 621
QY 51 AGLGAFAVTFPCALPVGVADAAAAYAAKAGAGLGGVPGVGLGVAGVAVPPQAGV 110
Db 622 -----P-----PGFPGPPGVGE-----KGIQGVAGNPGQPIPGPKGDPGGTITQPG--- 663
QY 111 KPGKVPG-----VGLPGVPGVPLPGARFPFPGVGLVPGVTPGAGVKPKAPGVG----- 157
Db 664 KPG-LPKNPGSDGVLPD-DPG--LPQD--PG-----LPQIPSKG-EGICIGILPDPG 713
QY 158 -GAFAGIPG-----VGFPGGPPGVPLGYPIKAPKLPGGYCLPYTTGKL 200

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Db 714 PKGPPGIPGPPGAPGTPGRIGLEGPPGPPGPPGPKGPFGRFALPGP--PGPPLGPKFGAL 771
QY 201 PYGCPGCVAGAAKXACIPTGTCTGVPQAAAAAATAAKAAKAFGAGAAAGVLPVGGAGVGP 260
Db 772 ----GPKDGRGFPGPPGPGTGLD-----GLPCKGDDVGPNGQPG-P 809
QY 261 GAIPGIGIAGVGTAAAAAATAAKAAKYAAAGLVPGGPGFPGVGVVPGA--GVGP-- 317
Db 810 MGPPGLPFI-GVQGP-----PGPPGI-PGPIQDFGLHGIPEK 845
QY 318 --GVPGGAGIPVVG-----AGIPGAAPVGVVSPAAKAAKAAKAGARPGVGVGGIPTY 371
Db 846 GDPGPPGLDVPGPBGRGSPGIPGA--PGPIGPPGSPGLPGA----- 886
QY 372 GVGAGFPG-----FG-VGVGGIPVAGVPGVGVGVGVGVGVSPEAQAAAAAATAAKY 426
Db 887 --GASGFPFGKGMGMGPPGPPGLGIPGRSGVPLGKDDGLQSQGLPGLPGLPGLPGLPGL 944
QY 427 GVGTPAAAAAK-----AAKAAQFGL--VPGVG-----VAPGVGVAPGVGVA 466
Db 945 EPGLPGPPGPMDFNLGSKGEGEPGLPGIPGVSGPKYQGLPGLPGLPGLPGLPGLPGLP 1004
QY 467 PGVGLAPGVAVPAGVAVPAGV-----GVAPAIKPGGVAAAAAATAAKAAKAAKAAQ 513
Db 1005 PPKGNFGLPQGLIGPLKGTIGDMGFFPGQGVGPPSPGPGFPGFPGFPGFPGFPGFPGF 1064
QY 514 LRAAGLGAIGLGVGVGVPGLGVAGVPGF-GAGADSGVRRSLSPELRE 572
Db 1065 -----KDPDIS-SIGLPLPGLPGLPGLPGLPGLPGLPGLPGLPGLPGLPGLPGL 1115
QY 573 GDPSSQHLPTSPSPRVFEGALAAKAAKYAAAVPVGLGALGALGVGIPGVGVGAGPAA 632
Db 1116 GQPG---LPFTPTGPPG---PKGISGPPGNPGLPGLPGLPGLPGLPGLPGLPGLPGL 1167
QY 633 AAAAAKAAKAAQFGLVGAAGLGGVGGGL-----GVPGVGGIPLPAAAAKAAKAAKAA 688
Db 1168 KPGQDIPGPAGKQEPGPGFPGFPGFPGFPGFPGFPGFPGFPGFPGFPGFPGFPGF 1217
QY 689 LGGVLCGAGOFFLGGVAARPPGGLSPIFFGGACLG 723
Db 1218 LPKKGEPPGPHGPPGVQGPFG---PPGSPGPALEG 1249

RESULT 8
US-60-487-610-2045
; Sequence 2045, Application US/60487610
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; APPLICANT: HUANG, Hongjin
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRUS-INFECTED SUBJECTS,
; TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001469
; CURRENT APPLICATION NUMBER: US/60/487,610
; CURRENT FILING DATE: 2003-07-17
; NUMBER OF SEQ ID NOS: 97101
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2045
; LENGTH: 1283
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-487-610-2045

Query Match 15.9%; Score 601.5; DB 7; Length 1283;
Best Local Similarity 31.3%; Pred. No. 0.00013;
Matches 255; Conservative 43; Mismatches 295; Indels 222; Gaps 44;

QY 2 GVPQA--IPG--GVPGGVFPYD--AGLALGG-----GALGPGGKP-LKPVPGLAGAGLG 50
Db 564 GSPGAPGLPGLPTGQDGLPLGPKGEPGGITFKGERGPPGNPGLPGLPGLPGLPGLPGLP 621
QY 51 AGLGAFAVTFPCALPVGVADAAAAYAAKAGAGLGGVPGVGLGVAGVAVPPQAGV 110
Db 622 -----P-----PGFPGPPGVGE-----KGIQGVAGNPGQPIPGPKGDPGGTITQPG--- 663
QY 111 KPGKVPG-----VGLPGVPGVPLPGARFPFPGVGLVPGVTPGAGVKPKAPGVG----- 157
Db 664 KPG-LPKNPGSDGVLPD-DPG--LPQD--PG-----LPQIPSKG-EGICIGILPDPG 713
QY 158 -GAFAGIPG-----VGFPGGPPGVPLGYPIKAPKLPGGYCLPYTTGKL 200

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Db 622 -----P-----PFGPPGPVGE-----KGIQGVAGNPGQPGTGPCKGDPQQTITQPG--- 663  
QY 111 KPKVPG-----VGLPGVPGVLPGARFPGVGLPGVLTGAGVFKAPGVG----- 157  
Db 664 KPG-LPGNPGRDVDGLPG-DPG--LPGQ--PG--LPGIPGSKG-EFGIPGIGLPGPPG 713  
QY 158 -GAFAGIPG-----VGFPGPGQPGVPLGYPIKAPKLPFGGYLYTTGKL 200  
Db 714 PKGFPGLPGPAGPTPGRIGLEGGPPGPGFPGPKGEPGFALPGP--PGPPGLPGKGL 771  
QY 201 PYGFGPGVAGAGAGTGTGTGVPQAAAAAATAAKAFAGAGAGVLPFGVGGAGVPGVP 260  
Db 772 ---GPKGRGPGPGPPGRTGLD-----GLFGKGDVGNPGPG-P 809  
QY 261 GAIPGIGTAGVGTPTAAAAAATAAKAAGAAAGLVPGGPGPGVVPVPGA-GVPG-- 317  
Db 810 MGPPGLPGI-GVQGP-----PGPGI-PGIGQPGHLGIPGK 845  
QY 318 --VGVPAGIPVVG-----AGIPGAAPGVVSPAAAAAATAAKAAGARPGVGVGPIPTY 371  
Db 846 GPGPPGLDVPGPPGERSPGIPGA--PGTIGPPGSPGLPGKA----- 886  
QY 372 GVGAGPFG-----FG-VGVGIPGAGVPGVGVGPGVPGVGTGSPGAQAAAAAATAAKY 426  
Db 887 --GASGPPGTGKGMGMGPPGPPGLGIPGRSGVPLGKDDGLQOQGLPGTGTGKSGK 944  
QY 427 GVGTPAAAAAK-----AAAAAQFGL--VPGVG-----VAPGVGVPAGVGA 466  
Db 945 EPGLPGPPGMDNLLSGKGEKPGPLPGTIPGVSGPKGYQGLPGDQPGSLGQPLGP 1004  
QY 467 PGVGLAPGVGVPAGVGVAPGV-----GVAPALPGGVAAAAAATAAKAAGAR 513  
Db 1005 PPKGNPGLPGQGLGPGGLKGTIGDMGPPGQGVGPPGPGVPGQPGSPGLPGQKGD 1064  
QY 514 LRAAAGLGAIGPLGVGVGVLGVAGVPGVGLGVAGVPGF--GAGADGVRRSLSPELRE 572  
Db 1065 -----KDPGIS-STGLPGLPGKGEPLGPGYGNPGIKSGVGDGPGIPLGTPGAK 1115  
QY 573 GDPSSOHLPTSPSPRVFGALAAAKAAGAAVPGVGLGALGAGVIGVPGVVGAGPAA 632  
Db 1116 GQPG---LPGFPGTPGPPG---PKGISGPPGNPGLPGEPGVGGGHPGQPGPPGK 1167  
QY 633 AAAAATAAKAAQFGLVGAAGLGLGVGGL---GVPGVGLGGLGTPPAAAAAATAAKAAG 688  
Db 1168 KPGDGLPGAGKGEKPGQPGFPGNPPGLPGLSGKGDGLGIP-----GNPG 1217  
QY 689 LGGVILGAGOFFLGGVAAAPGFLSPFPGGACLG 723  
Db 1218 LPKPKGPGFHPGPPGVQGPFG---PGSPGPALEG 1249

RESULT 9  
US-60-487-610-2046  
; Sequence 2046, Application US/60487610  
; GENERAL INFORMATION:  
; APPLICANT: CARGILL, Michele  
; APPLICANT: HUANG, Hongjin  
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH  
; TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRUS-INFECTED SUBJECTS,  
; TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CLO01459  
; CURRENT APPLICATION NUMBER: US/60/487,610  
; CURRENT FILING DATE: 2003-07-17  
; NUMBER OF SEQ ID NOS: 97101  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 2046  
; LENGTH: 1685  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-60-487-610-2046  
Query Match 15.9%; Score 601.5; DB 7; Length 1685;  
Best Local Similarity 31.3%; Pred. No. 0.00015;

Matches 255; Conservative 43; Mismatches 295; Indels 222; Gaps 44;  
QY 2 GVPGA--IPG--GVPGGVFYVG--AGLGLGG---GALGPGGKP-LKPVPGGLAGAGLG 50  
Db 564 GSPGAGLGLPGLTGPQDGLFPLGPKGEPGGLTKGERGPPGNPGLPLGPNIGPMG-- 621  
QY 51 AGLGAPFAYTFGALVPGVADAAAAAYKAAKAGAGLGGVPGVGGVAGVAPVPGAGV 110  
Db 622 -----P-----PGFPPGPVGE-----KGIQGVAGNPGQPGTGPCKGDPQQTITQPG--- 663  
QY 111 KPKVPG-----VGLPGVPGVLPGARFPGVGLPGVLTGAGVFKAPGVG----- 157  
Db 664 KPG-LPGNPGRDVDGLPG-DPG--LPGQ--PG--LPGIPGSKG-EFGIPGIGLPGPPG 713  
QY 158 -GAFAGIPG-----VGFPGPGQPGVPLGYPIKAPKLPFGGYLYTTGKL 200  
Db 714 PKGFPGLPGPAGPTPGRIGLEGGPPGPGFPGPKGEPGFALPGP--PGPPGLPGKGL 771  
QY 201 PYGFGPGVAGAGAGTGTGTGVPQAAAAAATAAKAFAGAGAGVLPFGVGGAGVPGVP 260  
Db 772 ---GPKGRGPGPGPPGRTGLD-----GLFGKGDVGNPGPG-P 809  
QY 261 GAIPGIGTAGVGTPTAAAAAATAAKAAGAAAGLVPGGPGPGVVPVPGA-GVPG-- 317  
Db 810 MGPPGLPGI-GVQGP-----PGPGI-PGIGQPGHLGIPGK 845  
QY 318 --VGVPAGIPVVG-----AGIPGAAPGVVSPAAAAAATAAKAAGARPGVGVGPIPTY 371  
Db 846 GPGPPGLDVPGPPGERSPGIPGA--PGTIGPPGSPGLPGKA----- 886  
QY 372 GVGAGPFG-----FG-VGVGIPGAGVPGVGVGPGVGTGSPGAQAAAAAATAAKY 426  
Db 887 --GASGPPGTGKGMGMGPPGPPGLGIPGRSGVPLGKDDGLQOQGLPGTGTGKSGK 944  
QY 427 GVGTPAAAAAK-----AAAAAQFGL--VPGVG-----VAPGVGVPAGVGA 466  
Db 945 EPGLPGPPGMDNLLSGKGEKPGPLPGTIPGVSGPKGYQGLPGDQPGSLGQPLGP 1004  
QY 467 PGVGLAPGVGVPAGVGVAPGV-----GVAPALPGGVAAAAAATAAKAAGAR 513  
Db 1005 PPKGNPGLPGQGLGPGGLKGTIGDMGPPGQGVGPPGPGVPGQPGSPGLPGQKGD 1064  
QY 514 LRAAAGLGAIGPLGVGVGVLGVAGVPGVGLGVAGVPGF--GAGADGVRRSLSPELRE 572  
Db 1065 -----KDPGIS-STGLPGLPGKGEPLGPGYGNPGIKSGVGDGPGIPLGTPGAK 1115  
QY 573 GDPSSOHLPTSPSPRVFGALAAAKAAGAAVPGVGLGALGAGVIGVPGVVGAGPAA 632  
Db 1116 GQPG---LPGFPGTPGPPG---PKGISGPPGNPGLPGEPGVGGGHPGQPGPPGK 1167  
QY 633 AAAAATAAKAAQFGLVGAAGLGLGVGGL---GVPGVGLGGLGTPPAAAAAATAAKAAG 688  
Db 1168 KPGDGLPGAGKGEKPGQPGFPGNPPGLPGLSGKGDGLGIP-----GNPG 1217  
QY 689 LGGVILGAGOFFLGGVAAAPGFLSPFPGGACLG 723  
Db 1218 LPKPKGPGFHPGPPGVQGPFG---PGSPGPALEG 1249

RESULT 10  
PCT-US03-26780-3117  
; Sequence 3117, Application PC/TUS0326780  
; GENERAL INFORMATION:  
; APPLICANT: FIVEPRIME THERAPEUTICS, INC.  
; TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF  
; TITLE OF INVENTION: THEIR USE  
; FILE REFERENCE: 08940.0014-00304  
; CURRENT APPLICATION NUMBER: PCT/US03/26780  
; CURRENT FILING DATE: 2003-08-28  
; PRIOR APPLICATION NUMBER: 60/406,616  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,579  
; PRIOR FILING DATE: 2002-08-29

; PRIOR APPLICATION NUMBER: 60/406,655  
 ; PRIOR FILING DATE: 2002-08-29  
 ; PRIOR APPLICATION NUMBER: 60/406,642  
 ; PRIOR FILING DATE: 2002-08-29  
 ; PRIOR APPLICATION NUMBER: 60/406,640  
 ; PRIOR FILING DATE: 2002-08-29  
 ; PRIOR APPLICATION NUMBER: 60/406,588  
 ; PRIOR FILING DATE: 2002-08-29  
 ; PRIOR APPLICATION NUMBER: 60/406,576  
 ; PRIOR FILING DATE: 2002-08-29  
 ; PRIOR APPLICATION NUMBER: 60/406,646  
 ; PRIOR FILING DATE: 2002-08-29  
 ; PRIOR APPLICATION NUMBER: 60/406,666  
 ; PRIOR FILING DATE: 2002-08-29  
 ; PRIOR APPLICATION NUMBER: 60/406,653  
 ; PRIOR FILING DATE: 2002-08-29  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 3700  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 3117  
 ; LENGTH: 8973  
 ; TYPE: PRF  
 ; ORGANISM: Homo sapiens  
 PCT-US03-26780-3117

Query Match 15.9%; Score 600.5; DB 1; Length 8973;  
 Best Local Similarity 31.9%; Pred. No. 0.00028;  
 Matches 262; Conservative 2; Mismatches 373; Indels 184; Gaps 34;  
 QY 1 GGVGCAIPGG----VPGGVYPGAGLGLGG--ALGPGGKPLKVPVGLAGLGLG 54  
 DB 4518 GGAGTATAGCTACATGAACAGGAG--GAGAGGCTACGTGA-----ACAGGAGGAGGCTG 4572  
 QY 55 APPAVTFPGALVPGGVADAAAAYAAKAGAGLGGVPGVGGVLSAGVVPQCGVKKPK 114  
 DB 4573 -----TGTGAACAGGA-----GGAGAGGCTGTGTGAACAG-----GAG----- 4605  
 QY 115 VPGVGLPVYVPGGV----LPGARFPVGVLPVPGVPGVAGVKKAPVGGGAF-----G 162  
 DB 4606 --GAGAGGCTACGTGAACATGAGGAGAGGCTGTGTGAAC-----AGGAGGAGGCTAC 4650  
 QY 163 IPGVGFPQVPGVPLGVPIKAPKLPGGVGLPYTTTKLPYGVPGGVAGAGK--AGYPTG 221  
 DB 4661 AACAGGAGGAGGCTGTGTGA--ACAGGAGGAGGCTACGTGAACATGAGGAGGCTG 4719  
 QY 222 TGVGFOQA-----AAAAAAXAAXKAFGAGAAVLPVGGAGVPGVPCALPITGCTAGVGT 276  
 DB 4720 TGTGAACAGGAGGAGGCTATGTGAACAG--GAGGAGAGGCTACATGAACAGGAGGAG 4776  
 QY 277 AAAAAAAXAAXKAAAGLVPGG--PGFPGVV--GVPAGVPGVPGVAGTIPVVPAG 332  
 DB 4777 AGCTACGTGAACAGGAGGAGGCTGTGTGAACAGGAGGAGGCTACGTGAACATGAG 4836  
 QY 333 IPGAAVPGVVSPEAAAAAAXAAXKYGARPGVGVGIPITYGVGAGGPF--GVGVGIPGV 391  
 DB 4837 --GAGAGGCTGTGTGAACA-----GGAGGAGGCTACGTGAACATGAGGAGGCTGT 4888  
 QY 392 ---AGVPGVGGVPGVGGVYP--GVGISPEAQAAXAAXAAXKYGVTPTAAAAAAXAAX 441  
 DB 4889 GTGAACAGGAGGAGGAGGCTACGTGAACAGGAGGAGGAGGCTGTGTGAACAGGAGGAG 4948  
 QY 442 -----AAQFGLVPVGVPGVAGVPGVAGVGLAGVPGVAGVPGVAGVAGVAGV 494  
 DB 4949 TAGCTGAACAGGAGGAGGAGGCTGTGTGAACAGGAGGAGGAGGCTGCCAGGAGGAGGCT 5008  
 QY 495 PGVAAA-----AKSAKVARAKAQLRAAGLGLAGTGLVGVPGVGLVGVAGVGLVGA 549  
 DB 5009 TGAAGAGGTGAGAGGCTGTGAACAGGAGGAG-----GGGAGGAGGAGGAGGAG 5060  
 QY 550 GVPGF-----GAGAGGVRRSLSPELREGDPSSQHLPTSPSPVPRVPCALAAAAAAX 604  
 DB 5061 GAGGCTGCTGGAGAGGGA-----GAGGCTGCTGGA 5090

QY 605 AVPGVLGLGALGVGIPGVGVGAGPAAAAAAAAXAAXAAXAAXAAXAAXAAXAAXAAX 654  
 DB 5091 AGAGTGGAGAGGCTGTAGACACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 5150  
 QY 655 ---GGLVGGGL-----GVFGVGGGLGCI-----PPAAAAAAXAAXAAXAAXAAXAAX 699  
 DB 5151 GAGGAGGAGGCTGTGGAAGAGGTGGAGAGGCTGTGTAACACAGGAGGAGGAGGAGGAG 5209  
 QY 700 PLGGVVAARPGLSLPIFPFGA-----CLKXAG 727  
 DB 5210 --AGCAGGAGGAGGCTGTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 5248  
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 US-60-487-610-2407  
 ; Sequence 2407, Application US/60487610  
 ; GENERAL INFORMATION:  
 ; APPLICANT: CARGILL, Michele  
 ; APPLICANT: HUANG, Hongjin  
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH  
 ; TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRUS-INFECTED SUBJECTS,  
 ; TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF  
 ; FILE REFERENCE: CL001469  
 ; CURRENT APPLICATION NUMBER: US/60/487,610  
 ; CURRENT FILING DATE: 2003-07-17  
 ; NUMBER OF SEQ ID NOS: 97101  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 2407  
 ; LENGTH: 1284  
 ; TYPE: PRF  
 ; ORGANISM: Homo sapiens  
 US-60-487-610-2407

Query Match 15.5%; Score 587; DB 7; Length 1284;  
 Best Local Similarity 33.8%; Pred. No. 0.00023;  
 Matches 269; Conservative 32; Mismatches 341; Indels 154; Gaps 47;  
 QY 2 GVPAGTGPVPGVYTPG--AGL--GALG--GAGLPGGKPLK-----VPGGLAGAGLGLG 54  
 DB 74 GLPPT--AGLPGMKHRRFSLDGLKADGADGAPGKGFSPGNGAPGQMPRLPGSG 131  
 QY 55 APPAVTFPGALVPGGV-----ADAAAAAXAAXKAGAGLGGVPGVGGVLSAGVVPQPGAG 109  
 DB 132 R-----PGAPCAGAGNDGATCAAGPPGPTGAGPPGFPAGVAGKAGGAGPQGRSG 185  
 QY 110 VKPKVPG--VGLPVYVPGVLPGARFPVGVLPVPGVTPGAGVVKPAKPGVGGAFAGIPV--G 167  
 DB 186 --PQGVGEPGPPG--PAGAAGPAGNPGADGPGAKGANG-----APGIAGA--PFTFGAG 236  
 QY 168 PFGGPOPGVPLGVPIKAPKLPGGVGLPYTTTKLPYGVPGGVAGAAKAGVPTGTGV--GP 226  
 DB 237 PSGPQPGPPPG-----PK--GNSGEP-----GAPSKGDTAKGEPGVGVQGP 279  
 QY 227 QAAAAAAXAAXKAFGAGAGVLPGV-----GGAGVPGVPGA--IFGIGGIAGV--GTPAAA 279  
 DB 280 PGPAEEGKRGARGPPTG--LPGPPGERGGPSGRGFFGADGVAGPKGAPGERSGPPAG 338  
 QY 280 AAAAAAAXAAXKYG-----AAAGLV--PGPGTGPVGVVPGA-----GVPG--VGVPG----A 323  
 DB 339 PKGSPCEAGRPEAGLPGAKGLTSGPSGP--PDGKTGPPGAGDGRPPGPPGARGQA 397  
 QY 324 GIPVPG-----AGIPG--AAMPVVSPEAAAAAAXAAXKAGARPGVGVGGIPTVGVGAGGF 378  
 DB 398 GVMGFTFPKGAAGEPKRGERGVPVPGVAGPAGKDGEGAGGAGGPPGAG--PAGERSEOG-- 455  
 QY 379 PGRGVGIPGVAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 436  
 DB 456 PAPSPOQLPFPAGPPPEAKPKPEQVFPDLGAPGSPGARGCERFPGERGVQGPFGPAG 515  
 QY 437 KAAAAAAXAAXKAGVGVGAPGVGAPGVGAPGVGAPGVGAPGVGAPGVGAPGVGAPGV 487  
 DB 516 PRGANGA-----PGNDGAKGADAGP---APGSGAPGLQGMPEBGAAGLPGPKDGRD 567



















Query Match 40.0%; Score 404.5; DB 1; Length 988;  
Best Local similarity 55.8%; Pred. No. 2.4e-27;  
Matches 120; Conservative 11; Mismatches 51; Indels 33; Gaps 20;

[illegible]

RESULT 14  
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 ? Sequence 28, Application US/08806029  
 ? Patent No. 6380154  
 ? GENERAL INFORMATION:  
 ? APPLICANT: Cappello, Joseph  
 ? APPLICANT: Stedronsky, Erwin R.  
 ? TITLE OF INVENTION: Synthetic Proteins for in vivo Drug  
 ? TITLE OF INVENTION: Delivery and Tissue Augmentation  
 ? NUMBER OF SEQUENCES: 36  
 ? CORRESPONDENCE ADDRESS:  
 ? ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert  
 ? STREET: Four Embarcadero Center, Suite 3400  
 ? CITY: San Francisco  
 ? STATE: California  
 ? COUNTRY: United States  
 ? Zip: 94111  
 ? COMPUTER READABLE FORM:  
 ? MEDIUM TYPE: Floppy disk  
 ? COMPUTER: IBM PC compatible  
 ? OPERATING SYSTEM: PC-DOS/MS-DOS  
 ? SOFTWARE: Patentin Release #1.0, Version #1.30  
 ? CURRENT APPLICATION DATA:  
 ? APPLICATION NUMBER: US/08/806,029  
 ? FILING DATE: 24-FEB-1997  
 ? CLASSIFICATION: 514  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER: US 08/212,237  
 ? FILING DATE: 11-MAR-1994  
 ? ATTORNEY/AGENT INFORMATION:  
 ? NAME: Treacart, Richard F.  
 ? REGISTRATION NUMBER: 31,801  
 ? REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MTK  
 ? TELECOMMUNICATION INFORMATION:  
 ? TELEPHONE: (415) 781-1989  
 ? TELEFAX: (415) 398-3249  
 ? INFORMATION FOR SEQ ID NO: 28:  
 ? SEQUENCE CHARACTERISTICS:  
 ? LENGTH: 988 amino acids  
 ? TYPE: amino acid  
 ? STRANDEDNESS: unknown













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/ STREET: Four Embarcadero Center, Suite 3400
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: US
/ ZIP: 94111
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/096,986
/ FILING DATE: 12-Mar-2002
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/09/444,791
/ FILING DATE: 22-No. US20030083464A1-1999
/ APPLICATION NUMBER: US 08/482,085
/ FILING DATE: 07-JUN-1995
/ APPLICATION NUMBER: US 08/175,155
/ FILING DATE: 29-DEC-1993
/ APPLICATION NUMBER: US 08/053,049
/ FILING DATE: 22-APR-1993
/ APPLICATION NUMBER: US 07/114,618
/ FILING DATE: 29-OCT-1987
/ APPLICATION NUMBER: US 06/927,258
/ FILING DATE: 04-NOV-1986
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Trecartin, Richard F.
/ REGISTRATION NUMBER: 31,801
/ REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-781-1989
/ TELEFAX: 415-398-3249
/
/ INFORMATION FOR SEQ ID NO: 74:
/
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 1465 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ SEQUENCE DESCRIPTION: SEQ ID NO: 74:
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/ US-10-096-986-74
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/ Query Match 37.1%; Score 375; DB 15; Length 1465;
/ Best Local Similarity 48.6%; Pred. No. 5.7e-20;
/ Matches 120; Conservative 7; Mismatches 36; Indels 84; Gaps 22;
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/ QY 2 PGFGVGVG-----GIPGVAGVPGVG-----GVPGVG----GVPGVG-SPEAQAAAAKA 46
/ Db ||||| ||||| ||||| ||||| ||||| |||||
/
/ QY 47 AKYGVGPAAAKAAKAAQFGLVPGVAPGVGAPGVGAPGVGAPGVGAPGVG 106
/ Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
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/ Db 125 ---GVGVPGAGAGAGAGGVG-VPGVGV-PGVGV-PGVGV-PGVGV-PGVGV 175
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/ QY 107 APGVGAPAIQPAQAAAAKAAK-----Y 132
/ Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
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/ Db 176 -PGVGV-----PCGAGSAGAGAGAGSGVPGVPGVPGVPGVPGVPGVPGV 229
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/ QY 133 VGTFAAAAAKAAKAAQFGLVPGVAPGVGAPGVGAPGVGAPGVGAPGVGAPGV 192
/ Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
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/ Db 230 VGVPGAGAGAGAGAGSGVGV-VPGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGV 282
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/ QY 193 GVAPAI 199
/ Db |||||
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/ Db 283 GV-PCAG 288
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/ RESULT 12
/ US-10-096-986-82
/ ; Sequence 82, Application US/10096986
/ ; Publication No. US20030083464A1
/
/ GENERAL INFORMATION:
/ APPLICANT: Ferrari, Franco A.
/ Richardson, Charles
/ Chambers, James
/ Causey, Stuart
/ Pollock, Thomas J.
/ Cappello, Joseph
/ Crissman, John W.
/
/ TITLE OF INVENTION: Units of Amino Acids and DNA Sequences Encoding the Sar
/
/ NUMBER OF SEQUENCES: 117
/ CORRESPONDENCE ADDRESS:
/ STREET: Four Embarcadero Center, Suite 3400
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: US
/ ZIP: 94111
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
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/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/096,986
/ FILING DATE: 12-Mar-2002
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/09/444,791
/ FILING DATE: 22-No. US20030083464A1-1999
/ APPLICATION NUMBER: US 08/482,085
/ FILING DATE: 07-JUN-1995
/ APPLICATION NUMBER: US 08/175,155
/ FILING DATE: 29-DEC-1993
/ APPLICATION NUMBER: US 08/053,049
/ FILING DATE: 22-APR-1993
/ APPLICATION NUMBER: US 07/114,618
/ FILING DATE: 29-OCT-1987
/ APPLICATION NUMBER: US 06/927,258
/ FILING DATE: 04-NOV-1986
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Trecartin, Richard F.
/ REGISTRATION NUMBER: 31,801
/ REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-781-1989
/ TELEFAX: 415-398-3249
/
/ INFORMATION FOR SEQ ID NO: 82:
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/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 2257 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: peptide
/ SEQUENCE DESCRIPTION: SEQ ID NO: 82:
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/ US-10-096-986-82
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/ Query Match 36.6%; Score 370; DB 15; Length 2257;
/ Best Local Similarity 51.5%; Pred. No. 2e-19;
/ Matches 123; Conservative 11; Mismatches 47; Indels 58; Gaps 21;
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/ QY 3 GFVGVGVG----GIPGVAGVPGVG----GVPGVG----GVPGVGSPEAQAAAAKA---- 46
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/ Db 46 GAGSSVGVPVGVPGV-GVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 103
/
/ QY 47 -----AKYGVGTAAAAKAAKAAQFGLVPGVAPGVGAPGVGAPGVGAPGVG 93
/ Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
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/ Db 104 GAGSAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 160
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/ QY 94 LAPGVGAPGVGAPGVGAPGVGAPGVGAPGVGAPGVGAPGVGAPGVGAPGVGAP 140
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/ Db 161 V-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV 216
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Db 86 GAGAGSAGAGSEGVPGVPGVGV-PGVGPGKGVPGVGV-PGVGV-PGVGVPGAGAG 142  
QY 101 -----APGVGVAPGVGVAIGPQAQAAAAAAXY---GVGTAAAAAAXA 147  
Db 143 SGAGAGSGVGVPGVGV-PGVGV-PGVGPGKGVPGVPGVPGAGAGSAGAG 200  
QY 148 AQFGLVPGVGVAPGVGAPGVGV-----APGVGLAPGVGVAPGVGV- 188  
Db 201 SGVG-VPGVGV-PGVGV-PGVGPGKGVPGVGV-PGVGV-PGVGVPGAGAGSGV 255  
QY 189 -APGVGVAPAG 199  
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; Sequence 25, Application US/10117931  
; Publication No. US20030104589A1  
; GENERAL INFORMATION:  
; APPLICANT: STEDRONSKY, Erwin R.  
; TITLE OF INVENTION: Tissue Adhesive Using Synthetic  
; Crosslinking  
; NUMBER OF SEQUENCES: 35  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT  
; STREET: Four Embarcadero Center, Suite 200  
; CITY: San Francisco  
; STATE: CA  
; COUNTRY: US  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/117,931  
; FILING DATE: 05-Apr-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/642,246  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: ROWLAND, Bertram I  
; REGISTRATION NUMBER: 20015  
; REFERENCE/DOCKET NUMBER: A61127-1/BIR  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-781-1989  
; TELEFAX: 415-398-3249  
; INFORMATION FOR SEQ ID NO: 25:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1002 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:  
US-10-117-931-25

Query Match 36.0%; Score 364; DB 15; Length 1002;  
Best Local Similarity 46.0%; Pred. No. 2.6e-19;  
Matches 116; Conservative 10; Mismatches 44; Indels 82; Gaps 22;  
QY 3 GFGVGVG----GIPGVAGVPGVGV----GVPGVGVPGVGVSPQAQAAAAAAXYGVGTP 54  
Db 42 GAGSGVGVPGVGVPGVGV-GVPGVGVPGKGVPGV-GVPGVGV- 85  
QY 55 AAAAAAAXAQAQFGL----VPGVGVAPGVGV----APGVGVAPGVGLAPGVGV- 100  
Db 86 GAGAGSAGAGSGVGVPGVGVPGVGV-PGVGPGKGVPGVGV-PGVGV-PGVGVPGAGAG 142

QY 101 -----APGVGVAPGVGVAIGPQAQAAAAAAXY---GVGTAAAAAAXA 147  
Db 143 SGAGAGSGVGVPGVGV-PGVGV-PGVGPGKGVPGVPGVPGAGAGSAGAG 200  
QY 148 AQFGLVPGVGVAPGVGAPGVGV-----APGVGLAPGVGVAPGVGV- 188  
Db 201 SGVG-VPGVGV-PGVGV-PGVGPGKGVPGVGV-PGVGV-PGVGVPGAGAGSGV 255  
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Db 256 GVPGVGV-PGVG 266

Search completed: October 10, 2003, 19:02:26  
Job time : 16.0916 secs

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: October 10, 2003, 18:38:08 ; Search time 146.227 Seconds  
(without alignments)  
1244.528 Million cell updates/sec

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Gapop 10.0 , Gapext 0.5

Searched: 5728757 seqs, 909918778 residues  
Total number of hits satisfying chosen parameters: 5728757

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Maximum DB seq length: 2000000000  
Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

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32: /cgn2\_6/ptodata/1/paa/US06\_COMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Score	Match Length	ID	Description
1	1010	100.0	200 25	US-09-964-662-2
				Sequence 2, Appli

2	1004	99.4	199 25	US-09-964-662-11	Sequence 11, Appli
3	717.5	71.0	731 25	US-09-964-662-1	Sequence 1, Appli
4	716	70.9	702 32	US-60-453-050-10290	Sequence 10290, A
5	716	70.9	702 32	US-60-453-135-10290	Sequence 10290, A
6	716	70.9	702 32	US-60-466-412-10290	Sequence 10290, A
7	714	70.7	772 22	US-09-760-494-217	Sequence 217, App
8	714	70.7	772 28	US-10-223-026-217	Sequence 217, App
9	713.5	70.6	757 32	US-60-453-050-10289	Sequence 10289, A
10	713.5	70.6	757 32	US-60-453-135-10289	Sequence 10289, A
11	713.5	70.6	757 32	US-60-466-412-10289	Sequence 10289, A
12	712	70.5	711 28	US-10-210-172-38	Sequence 38, Appli
13	710	70.3	698 18	US-09-463-091-3	Sequence 3, Appli
14	710	70.3	698 21	US-09-743-818-5	Sequence 5, Appli
15	709.5	70.2	660 18	US-09-463-091-5	Sequence 5, Appli
16	709.5	70.2	660 21	US-09-743-818-6	Sequence 6, Appli
17	708	70.1	712 19	US-09-554-996-3	Sequence 3, Appli
18	708	70.1	730 19	US-09-554-996-8	Sequence 8, Appli
19	707.5	70.0	731 21	US-09-743-818-4	Sequence 4, Appli
20	707.5	70.0	733 18	US-09-463-091-2	Sequence 2, Appli
21	707.5	70.0	757 1	PCT-US03-09391-2	Sequence 2, Appli
22	697	69.0	692 28	US-10-210-172-40	Sequence 40, Appli
23	697	69.0	730 25	US-09-961-403-8	Sequence 8, Appli
24	691	68.4	571 21	US-09-743-818-7	Sequence 7, Appli
25	670.5	66.4	515 21	US-09-743-818-71	Sequence 71, Appli
26	627	62.1	663 27	US-10-108-260A-2477	Sequence 2477, Ap
27	606	60.0	472 20	US-09-611-523-212	Sequence 212, App
28	606	60.0	472 29	US-10-305-278-212	Sequence 212, App
29	603	59.7	118 25	US-09-964-662-10	Sequence 10, Appli
30	597	59.1	117 25	US-09-964-662-9	Sequence 9, Appli
31	567	56.1	617 27	US-10-104-047-2915	Sequence 2915, Ap
32	525	52.0	745 1	PCT-US99-04440-38	Sequence 38, Appli
33	525	52.0	745 16	US-09-258-723-38	Sequence 38, Appli
34	525	52.0	745 23	US-09-837-969A-38	Sequence 38, Appli
35	525	52.0	745 23	US-09-841-321A-38	Sequence 38, Appli
36	448	44.4	148 1	PCT-US99-04440-14	Sequence 14, Appli
37	448	44.4	148 16	US-09-258-723-14	Sequence 14, Appli
38	448	44.4	148 23	US-09-837-969A-14	Sequence 14, Appli
39	448	44.4	148 23	US-09-841-321A-14	Sequence 14, Appli
40	429	42.5	119 23	US-09-807-742-15	Sequence 15, Appli
41	409.5	40.5	864 28	US-10-219-051B-2524	Sequence 2524, Ap
42	375	37.1	1413 11	US-08-707-237-45	Sequence 45, Appli
43	375	37.1	1464 8	US-08-477-509-74	Sequence 74, Appli
44	375	37.1	1464 8	US-08-482-085-74	Sequence 74, Appli
45	375	37.1	1465 26	US-10-096-986-74	Sequence 74, Appli

ALIGNMENTS

RESULT 1  
US-09-964-662-2  
; Sequence 2, Application US/09964662  
; GENERAL INFORMATION: PROTEIN SPECIALTIES LTD.  
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP  
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND  
; FILE OF INVENTION: OTHER FIBROUS PROTEINS  
; FILE REFERENCE: 041082/0112  
; CURRENT APPLICATION NUMBER: US/09/964,662  
; PRIOR FILING DATE: 2003-05-08  
; PRIOR APPLICATION NUMBER: 09/340,736  
; PRIOR FILING DATE: 1999-06-29  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 200  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: polypeptide  
US-09-964-662-2



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Query Match      100.0%; Score 1010; DB 25; Length 200;
Best Local Similarity 100.0%; Pred. No. 1.8e-73;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FPGFVGCGIPGVAGVPGVGGVPGVGGVSPGAQAAAKAAKYGVTGTPAAAAAK 60
Db 1 FPGFVGCGIPGVAGVPGVGGVPGVGGVSPGAQAAAKAAKYGVTGTPAAAAAK 60

QY 61 AAATAAOFGLVPGVAGVPGVAGVPGVGLAPGVAGVPGVAGVAPGPEA 120
Db 61 AAATAAOFGLVPGVAGVPGVAGVPGVGLAPGVAGVPGVAGVAPGPEA 120

QY 121 QAAAAAAYKYGVTGTPAAAAAQAQAQFGLVPGVAGVPGVAGVPGVGLAPGV 180
Db 121 QAAAAAAYKYGVTGTPAAAAAQAQAQFGLVPGVAGVPGVAGVPGVGLAPGV 180

QY 181 GVAPGVAGVPGVAPGPAIGP 200
Db 181 GVAPGVAGVPGVAPGPAIGP 200
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RESULT 2
US-09-964-662-11
; Sequence 11, Application US/09964662
; GENERAL INFORMATION:
; APPLICANT: PROTEIN SPECIALTIES LTD.
; TITLE OF INVENTION: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
; FILE REFERENCE: 041082/0112
; CURRENT APPLICATION NUMBER: US/09/964,662
; PRIOR FILING DATE: 2003-05-08
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-964-662-11
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Query Match      99.4%; Score 1004; DB 25; Length 199;
Best Local Similarity 100.0%; Pred. No. 5.4e-73;
Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FPGFVGCGIPGVAGVPGVGGVPGVGGVSPGAQAAAKAAKYGVTGTPAAAAAK 61
Db 1 FPGFVGCGIPGVAGVPGVGGVPGVGGVSPGAQAAAKAAKYGVTGTPAAAAAK 60

QY 62 AAATAAOFGLVPGVAGVPGVAGVPGVGLAPGVAGVPGVAGVAPGPEAQ 121
Db 61 AAATAAOFGLVPGVAGVPGVAGVPGVGLAPGVAGVPGVAGVAPGPEAQ 120

QY 122 AAAAAAAYKYGVTGTPAAAAAQAQAQFGLVPGVAGVPGVAGVPGVGLAPGV 181
Db 121 AAAAAAAYKYGVTGTPAAAAAQAQAQFGLVPGVAGVPGVAGVPGVGLAPGV 180

QY 182 VAPGVAGVPGVAPGPAIGP 200
Db 181 VAPGVAGVPGVAPGPAIGP 199
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RESULT 3
US-09-964-662-1
; Sequence 1, Application US/09964662
; GENERAL INFORMATION:
; APPLICANT: PROTEIN SPECIALTIES LTD.
; TITLE OF INVENTION: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
; FILE REFERENCE: 041082/0112
; CURRENT APPLICATION NUMBER: US/09/964,662
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; CURRENT FILING DATE: 2003-05-08
; PRIOR APPLICATION NUMBER: 09/340,736
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 731
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-964-662-1

Query Match      71.0%; Score 717.5; DB 25; Length 731;
Best Local Similarity 77.5%; Pred. No. 2.8e-49;
Matches 158; Conservative 6; Mismatches 23; Indels 17; Gaps 7;

QY 1 FPGFVGCGIPGVAGVPGVGGVPGVGGVSPGAQAAAKAAKYGVTGTPAAAAAK 60
Db 378 FPGFVGCGIPGVAGVPGVGGVPGVGGVSPGAQAAAKAAKYGVTGTPAAAAAK 437

QY 61 AAATAAOFGLVPGVAGVPGVAGVPGVGLAPGVAGVPGVAGVAPGPEA 120
Db 438 AAATAAOFGLVPGVAGVPGVAGVPGVGLAPGVAGVPGVAGVAPGPEA 497

QY 121 QAAAAAAYKYGVTGTPAAAAAQAQAQFGLVPGVAGVPGVAGVPGVGLAPGV 176
Db 498 VAAAAAKSAK-----VAAKAQLRAAA-GLGAGIPGLGV--GVGV-PGLGVGAGVPL 545

QY 177 APGVAGVPGVAGVAPGPAIGP 200
Db 546 GVGAGV-PFGAGADEGVRRLSP 568
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RESULT 4
US-60-453-050-10290
; Sequence 10290, Application US/60453050
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CL001457
; CURRENT APPLICATION NUMBER: US/60/453,050
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 82762
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10290
; LENGTH: 702
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-453-050-10290

Query Match      70.9%; Score 716; DB 32; Length 702;
Best Local Similarity 54.1%; Pred. No. 3.5e-49;
Matches 165; Conservative 6; Mismatches 24; Indels 110; Gaps 6;

QY 1 FPGFVGCGIPGVAGVPGVGGVPGVGGVSPGAQAAAKAAKYGVTGTPAAAAAK 60
Db 382 FPGFVGCGIPGVAGVPGVGGVPGVGGVSPGAQAAAKAAKYGVTGTPAAAAAK 441

QY 61 AAATAAOFGLVPGVAGVPGVAGVPGVGLAPGVAGVPGVAGVAPGPEA 120
Db 442 AAATAAOFGLVPGVAGVPGVAGVPGVGLAPGVAGVPGVAGVAPGPEA 501

QY 121 QAA-----
Db 502 VAAAKSAKVAQAQAQLRAAAGLGAAGIPGLGVGGVPGVAGVPGVAGVAPGPEA 561

QY 124 ----AAAKAAYKYGTP-----
Db 562 PGALAAAKAAYKGAAPVGLGLGALGVGIPGVGGVAGPAAAAAKAAKAAQFGLVG 621

QY 155 GVGAVPAGVGV-----APGVAGVAP-----GLAPGVAGVAP--GVGVAPG 191
Db 155 GVGAVPAGVGV-----APGVAGVAP-----GLAPGVAGVAP--GVGVAPG 191
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; LENGTH: 757
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-453-135-10289

Query Match
Best Local Similarity 70.6%; Score 713.5; DB 32; Length 757;
Matches 157; Conservative 6; Mismatches 24; Indels 17; Gaps 7;

QY 1 PFGGVGVGIPGVAGVPGVGVPGVGVGSPISPEAQAQAAAKAAYGVGTPAAAAAK 60
Dd 404 PFGGVGVGIPGVAGVPGVGVPGVGVGSPISPEAQAQAAAKAAYGVGTPAAAAAK 463
QY 61 AAARAAQFGLVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGV 120
Dd 464 AAARAAQFGLVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGV 523
QY 121 QAAAAAKAAYGVGTPAAAAAKAQAQFCL---VPGVGVAGVPGVAGVPGVAGVPGV-GL 176
Dd 524 VAAAAKSAK-----VAARAAQLRAAA-GLGAGIPGLGV--GVGV-PGLGVGAGVPGGL 571
QY 177 APGVGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGV 200
Dd 572 GVGAGV-PGFGAGDEGVRSLSP 594

RESULT 11
US-60-466-412-10289
; Sequence 10289, Application US/60466412
; GENERAL INFORMATION:
; APPLICANT: IAKOUBOVA, Olga
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CU001466
; CURRENT APPLICATION NUMBER: US/60/466.412
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 429241
; SOFTWARE: PastSeq for Windows Version 4.0
; SEQ ID NO 10289
; LENGTH: 757
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-466-412-10289

Query Match
Best Local Similarity 70.6%; Score 713.5; DB 32; Length 757;
Matches 157; Conservative 6; Mismatches 24; Indels 17; Gaps 7;

QY 1 PFGGVGVGIPGVAGVPGVGVPGVGVGSPISPEAQAQAAAKAAYGVGTPAAAAAK 60
Dd 404 PFGGVGVGIPGVAGVPGVGVPGVGVGSPISPEAQAQAAAKAAYGVGTPAAAAAK 463
QY 61 AAARAAQFGLVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGV 120
Dd 464 AAARAAQFGLVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGV 523
QY 121 QAAAAAKAAYGVGTPAAAAAKAQAQFCL---VPGVGVAGVPGVAGVPGVAGVPGV-GL 176
Dd 524 VAAAAKSAK-----VAARAAQLRAAA-GLGAGIPGLGV--GVGV-PGLGVGAGVPGGL 571
QY 177 APGVGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGV 200
Dd 572 GVGAGV-PGFGAGDEGVRSLSP 594

RESULT 12
US-10-210-172-38
; Sequence 38, Application US/10210172
; GENERAL INFORMATION:
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles
; APPLICANT: Patturajan, Meera

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; APPLICANT: Pena, Carol
; APPLICANT: Rieger, Daniel
; APPLICANT: Shimkets, Richard
; APPLICANT: Zernusen, Bryan
; APPLICANT: Li, Li
; APPLICANT: Ji, Weizhen
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Casman, Stacie
; APPLICANT: Voss, Edward
; APPLICANT: Boldog, Ferenc
; APPLICANT: Gorman, Linda
; APPLICANT: Leite, Mario
; APPLICANT: Vernet, Corine
; APPLICANT: Anderson, David
; APPLICANT: Guo, Xiaojia
; APPLICANT: Zhong, Mei
; APPLICANT: Gerlach, Valerie
; APPLICANT: Hjalt, Tord
; APPLICANT: Rastelli, Luca
; APPLICANT: Spyttek, Kimberly
; APPLICANT: Edinger, Shlomit
; APPLICANT: Ellerman, Karen
; APPLICANT: Malyankar, Uriel
; APPLICANT: MacDougall, John
; APPLICANT: Stone, David
; APPLICANT: Alsobrook II, John
; APPLICANT: Lepley, Denise et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND M
; FILE REFERENCE: 21402-416 A
; CURRENT APPLICATION NUMBER: US/10/210.172
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,994
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/373,814
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/310,544
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/313,201
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/312,892
; PRIOR FILING DATE: 2001-08-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 327
; SOFTWARE: Curaseqlist version 0.1
; SEQ ID NO 38
; LENGTH: 711
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-210-172-38

Query Match
Best Local Similarity 70.5%; Score 712; DB 28; Length 711;
Matches 164; Conservative 7; Mismatches 19; Indels 102; Gaps 7;

QY 1 PFGGVGVGIPGVAGVPGVGVPGVGVGSPISPEAQAQAAAKAAYGVGTPAAAAAK 60
Dd 409 PFGGVGVGIPGVAGVPGVGVPGVGVGSPISPEAQAQAAAKAAYGVGTPAAAAAK 468
QY 61 AAARAAQFGLVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGV 120
Dd 469 AAARAAQFGLVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGV 528
QY 121 QAA----- 123

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Search completed: October 10, 2003, 18:59:55  
Job time : 147.227 secs

Result No.	Query			ID	Description
	Score	Match	Length		
1	715	70.9	702	US-60-487-610-1797	Sequence 1797, Ap
2	713.5	70.6	757	US-60-487-610-1796	Sequence 1796, Ap
3	712	70.5	711	PCR-US02-24483-38	Sequence 38, Appl
4	697	69.0	692	1 PCR-US02-24483-40	Sequence 40, Appl
5	429	42.5	119	US-09-807-742A-15	Sequence 15, Appl
6	350	34.7	1250	US-09-807-742A-1	Sequence 1, Appl
7	275.5	27.3	252	1 PCR-US03-26780-3569	Sequence 3569, Ap
8	275.5	27.3	279	1 PCR-US03-26780-3570	Sequence 3570, Ap
9	275.5	27.3	366	1 PCR-US03-26780-3572	Sequence 3572, Ap
10	275.5	27.3	384	1 PCR-US03-26780-3573	Sequence 3573, Ap
11	275.5	27.3	906	1 PCR-US03-26780-3571	Sequence 3571, Ap
12	257.5	25.5	951	1 PCR-US03-26780-3411	Sequence 3411, Ap
13	242	24.0	1755	1 PCR-US03-26780-3444	Sequence 3444, Ap
14	228	22.6	1350	1 PCR-US03-26780-3136	Sequence 3136, Ap
15	228	22.6	1719	1 PCR-US03-26780-3135	Sequence 3135, Ap
16	215	21.3	889	1 PCR-US03-26780-3646	Sequence 3646, Ap
17	210	20.8	1386	1 PCR-US03-19153-284	Sequence 284, App
18	209.5	20.7	261	1 PCR-US03-26780-3459	Sequence 3459, Ap
19	207.5	20.5	396	1 PCR-US03-26780-3578	Sequence 3578, Ap
20	205	20.3	594	1 PCR-US03-26780-3161	Sequence 3161, Ap
21	200.5	19.9	240	1 PCR-US03-26780-3432	Sequence 3432, Ap
22	199	19.7	537	1 PCR-US03-26780-3160	Sequence 3160, Ap
23	195	19.3	534	1 PCR-US03-26780-3162	Sequence 3162, Ap
24	194.5	19.3	469	6 US-10-425-114A-4328	Sequence 4328, A
25	193.5	19.2	222	1 PCR-US03-26780-3427	Sequence 3427, Ap
26	193	19.1	612	1 PCR-US03-26780-3167	Sequence 3167, Ap

















```

RESULT 4
US-09-340-736E-2
; Sequence 2, Application US/09340736E
; Patent No. 648946
; GENERAL INFORMATION:
; APPLICANT: ROTHSTEIN, ASER
; APPLICANT: KEELEY, FRED
; APPLICANT: ROTHSTEIN, STEVEN
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
; FILE REFERENCE: 041082/0110
; CURRENT APPLICATION NUMBER: US/09/340,736E
; CURRENT FILING DATE: 1999-06-29
; PRIOR FILING DATE: 1997-08-07
; PRIOR APPLICATION NUMBER: 60/023,552
; PRIOR FILING DATE: 1996-08-07
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 200
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: MFU-1 polypeptide
US-09-340-736E-2

Query Match      100.0%; Score 537; DB 4; Length 200;
Best Local Similarity 100.0%; Freq. No. 1.9e-48;
Matches 117; Conservative 0; Mismatches 0; Indels 0;

QY      1  PGRGVGGIPGVAGVPGVGPGVGPGVGPGVGISPEAQAAAAAKAYGVGTPPAAPA
Db      2  PGRGVGGIPGVAGVPGVGPGVGPGVGPGVGISPEAQAAAAAKAYGVGTPPAAPA

QY      61  AAKAAQFGLVPGVAPGVGAVGVGAVGVGLAPGVGAVGVGAVGVGAVGVGAVGVGAVGVG
Db      62  AAKAAQFGLVPGVAPGVGAVGVGAVGVGAVGVGLAPGVGAVGVGAVGVGAVGVGAVGVGAVGVG

RESULT 5
US-08-911-364-2
; Sequence 2, Application US/08911364
; Patent No. 5969106
; GENERAL INFORMATION:
; APPLICANT: ROTHSTEIN, Aser
; APPLICANT: KEELEY, Fred W.
; APPLICANT: ROTHSTEIN, Steven J.
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN
; TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY & LARDNER
; STREET: 3000 K Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/911,364
; FILING DATE: 07-AUG-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: US 60/023,552
; FILING DATE: 07-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Beutl, Stephen A.

```







```
RESULT 11
US-09-841-334A-14
; Sequence 14, Application US/09841334A
; Patent No. 6533819
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; APPLICANT: Parker, Timothy
; APPLICANT: Glazer, Paul
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/0505
; CURRENT APPLICATION NUMBER: US/09/841.334A
; CURRENT FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 148
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)-(148)
; OTHER INFORMATION: Synthetic
US-09-841-334A-14

Query Match          55.9%; Score 333.5; DB 4; Length 148;
Best Local Similarity 59.7%; Pred. No. 3.4e-24;
Matches 74; Conservative 5; Mismatches 10; Indels 35; Gaps 5;

QY 1 PGFGVGIGIPGAGVPGV-----GVPGVG-----GVPGVIGSPERAAAAAKKATGVGT 52
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 5 PGVGVPVGVPVG- -GVPGVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVP 49
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 53 PAAAAAATAAAQAQGLVPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGV 112
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 50 PGV-----GVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAP 97
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QY 113 PAIG 116
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Db 98 PGVG 101

RESULT 12
US-08-806-029-33
; Sequence 33, Application US/080806029
; Patent No. 6380154
; GENERAL INFORMATION:
; APPLICANT: Cappello, Joseph
; APPLICANT: Stedronsky, Erwin R.
; TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
; TITLE OF INVENTION: Delivery and Tissue Augmentation
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/806,029
; FILING DATE: 24-FEB-1997
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CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; FILING DATE: 11-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Trecartin, Richard F.
; REGISTRATION NUMBER: 31,801
; REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MTK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1169 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-806-029-33

Query Match          47.0%; Score 280.5; DB 4; Length 1169;
Best Local Similarity 34.8%; Pred. No. 2.4e-18;
Matches 72; Conservative 6; Mismatches 38; Indels 91; Gaps 3;

QY 1 PGFGV--GVGGIPGVAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 42
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Db 131 PGVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVP 190
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QY 43 ----- 42
Db 191 SGAGAGSGAGSGAGSGAGSGAGSGAGSGAGSGAGSGAGSGAGSGAGSGAGSGAGSG 250
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 43 AKAAKGVGTPTAAAAAATAAAKAAQ-----FGLVPGVGVAPGVAPGVAPGVAP 89
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 251 ASAGVAGAGSGAGSGAGSGAGSGAGSGAGSGAGSGAGSGAGSGAGSGAGSGAGSG 310
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 90 GVGLAPGVGVAPGVGVAPGVGVAPGVAPGVAPGVAPGVAPGVAPGVAPGVAPGV 116
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Db 311 GVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVG 337

RESULT 13
US-08-212-237-5
; Sequence 5, Application US/08212237
; Patent No. 5606019
; GENERAL INFORMATION:
; APPLICANT: Cappello, Joseph
; TITLE OF INVENTION: Synthetic Proteins As Implants
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/212,237
; FILING DATE: 11-MAR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bettam I
; REGISTRATION NUMBER: 20,015
; REFERENCE/DOCKET NUMBER: A-58847/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 5:
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 988 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-212-237-5

Query Match          42.8%; Score 255.5; DB 1; Length 988;
Best Local Similarity 56.1%; Pred. No. 4.2e-16;
Matches 74; Conservative 5; Mismatches 28; Indels 25; Gaps 12;

QY  2 GFGVGGGIPGV-----AGVPGVG-----GVPVGISPEAQAAAAAARAKYK 49
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Db  69 GSGAGAGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 127
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QY  50 VGTPTAAAAAKA-----AAKAAQFGLVPGVGVAPGVGVAPGVGLAPGVGVAPGV 104
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Db  128 SGAGAGSGAGAGSGAGAGSGAGAGSVPGVG-PGVGV-PGVGV-PGVGV-PGVG 182
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QY  105 VAPGVGVAPAG 116
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RESULT 14
US-08-806-029-28
; Sequence 28, Application US/08806029
; Patent No. 6380154
; GENERAL INFORMATION:
; APPLICANT: Cappello, Joseph
; APPLICANT: Stecdronsky, Erwin R.
; TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
; TITLE OF INVENTION: Delivery and tissue Augmentation
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/806,029
; FILING DATE: 24-FEB-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,237
; FILING DATE: 11-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Trecartin, Richard F.
; REGISTRATION NUMBER: 31,801
; REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MTK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 988 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-806-029-28

Query Match          42.8%; Score 255.5; DB 4; Length 988;
Best Local Similarity 56.1%; Pred. No. 4.2e-16;
Matches 74; Conservative 5; Mismatches 28; Indels 25; Gaps 12;

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QY  50 VGTPTAAAAAKA-----AAKAAQFGLVPGVGVAPGVGVAPGVGLAPGVGVAPGV 104
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Db  128 SGAGAGSGAGAGSGAGAGSGAGAGSVPGVG-PGVGV-PGVGV-PGVGV-PGVG 182
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QY  105 VAPGVGVAPAG 116
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Db  183 V-PGVGV-PGVG 192
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RESULT 15
PCT-US95-02772-5
; Sequence 5, Application PC/TUS9502772
; GENERAL INFORMATION:
; APPLICANT: Protein Polymer Technologies, Inc.
; TITLE OF INVENTION: Synthetic Proteins As Implantables
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/02772
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20,015
; REFERENCE/DOCKET NUMBER: FP-58847-1-PC/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 988 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US95-02772-5

Query Match          42.8%; Score 255.5; DB 5; Length 988;
Best Local Similarity 56.1%; Pred. No. 4.2e-16;
Matches 74; Conservative 5; Mismatches 28; Indels 25; Gaps 12;

QY  2 GFGVGGGIPGV-----AGVPGVG-----GVPVGISPEAQAAAAAARAKYK 49
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Db  69 GSGAGAGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 127
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QY  50 VGTPTAAAAAKA-----AAKAAQFGLVPGVGVAPGVGVAPGVGLAPGVGVAPGV 104
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Db  128 SGAGAGSGAGAGSGAGAGSGAGAGSVPGVG-PGVGV-PGVGV-PGVGV-PGVG 182
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QY  105 VAPGVGVAPAG 116
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Db  183 V-PGVGV-PGVG 192
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Job time : 5.05714 secs

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GenCore version 5.1.6  
Copyright (C) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: October 10, 2003, 18:41:34 ; Search time 8.82857 Seconds  
(without alignments)  
2135.343 Million cell updates/sec

Title: US-09-964-662-9

Perfect score: 597

Sequence: 1 PFGVGVGIPGVAGVGVG.....GVAPGVGVGVGVAIPAIGP 117

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 600653 seqs, 161128416 residues

Total number of hits satisfying chosen parameters: 600653

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications\_AA:\*

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12: /cgn2\_6/ptodata/2/pubpaa/US09\_NEW\_PUB.pdb.\*  
13: /cgn2\_6/ptodata/2/pubpaa/US10A\_PUBCOMB.pdb.\*  
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15: /cgn2\_6/ptodata/2/pubpaa/US10C\_PUBCOMB.pdb.\*  
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17: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pdb.\*  
18: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pdb.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Query No.	Score	Match	Length	DB ID	Description
1	597	100.0	117	12	US-09-964-662-9	Sequence 9, Appl
2	597	100.0	118	12	US-09-964-662-10	Sequence 10, Appl
3	597	100.0	199	12	US-09-964-662-11	Sequence 11, Appl
4	597	100.0	200	12	US-09-964-662-2	Sequence 2, Appl
5	597	100.0	731	12	US-09-964-662-1	Sequence 1, Appl
6	574	96.1	730	11	US-09-961-403-8	Sequence 8, Appl
7	336	56.3	745	9	US-09-837-969A-38	Sequence 38, Appl
8	336	56.3	745	10	US-09-841-321A-38	Sequence 38, Appl
9	333.5	55.9	148	9	US-09-837-969A-14	Sequence 14, Appl
10	333.5	55.9	148	10	US-09-841-321A-14	Sequence 14, Appl
11	245	41.0	1465	15	US-10-096-986-74	Sequence 74, Appl
12	237	39.7	2257	15	US-10-096-986-82	Sequence 82, Appl
13	234.5	39.3	2055	15	US-10-096-986-81	Sequence 81, Appl
14	234	39.2	378	15	US-10-117-931-26	Sequence 26, Appl
15	234	39.2	1002	15	US-10-117-931-25	Sequence 25, Appl

16 231 38.7 111 9 US-09-837-969A-13 Sequence 13, Appl  
17 231 38.7 111 10 US-09-841-321A-13 Sequence 13, Appl  
18 231 38.7 782 9 US-09-837-969A-37 Sequence 37, Appl  
19 231 38.7 782 10 US-09-841-321A-37 Sequence 37, Appl  
20 231 38.7 884 15 US-10-117-931-15 Sequence 15, Appl  
21 231 38.7 2003 9 US-09-837-969A-34 Sequence 34, Appl  
22 231 38.7 2003 10 US-09-841-321A-34 Sequence 34, Appl  
23 230 38.5 100 9 US-09-812-382-7 Sequence 7, Appl  
24 230 38.5 106 9 US-09-837-969A-53 Sequence 53, Appl  
25 230 38.5 106 10 US-09-841-321A-53 Sequence 53, Appl  
26 230 38.5 605 9 US-09-837-969A-40 Sequence 40, Appl  
27 230 38.5 605 10 US-09-841-321A-40 Sequence 40, Appl  
28 230 38.5 605 12 US-10-356-088-62 Sequence 62, Appl  
29 230 38.5 859 15 US-10-096-986-77 Sequence 77, Appl  
30 230 38.5 1255 9 US-09-837-969A-18 Sequence 18, Appl  
31 230 38.5 1255 10 US-09-841-321A-18 Sequence 18, Appl  
32 229.5 38.4 1085 9 US-09-837-969A-39 Sequence 39, Appl  
33 229.5 38.4 1085 10 US-09-841-321A-39 Sequence 39, Appl  
34 228 38.2 111 9 US-09-837-969A-58 Sequence 58, Appl  
35 228 38.2 111 10 US-09-841-321A-58 Sequence 58, Appl  
36 227 38.0 1085 9 US-09-837-969A-35 Sequence 35, Appl  
37 227 38.0 1085 10 US-09-841-321A-35 Sequence 35, Appl  
38 225.5 37.8 936 15 US-10-117-931-30 Sequence 30, Appl  
39 222 37.2 111 9 US-09-837-969A-57 Sequence 57, Appl  
40 222 37.2 111 10 US-09-841-321A-57 Sequence 57, Appl  
41 222 37.2 450 9 US-09-812-382-6 Sequence 6, Appl  
42 222 37.2 966 15 US-10-117-931-34 Sequence 34, Appl  
43 221 37.0 110 9 US-09-888-260-39 Sequence 39, Appl  
44 221 37.0 110 9 US-09-888-260-40 Sequence 40, Appl  
45 221 37.0 110 11 US-09-746-371C-35 Sequence 35, Appl

#### ALIGNMENTS

RESULT 1  
US-09-964-662-9  
; Sequence 9, Application US/09964662  
; Publication No. US20030166846A1  
; GENERAL INFORMATION:  
; APPLICANT: PROTEIN SPECIALTIES LTD.  
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP  
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND  
; TITLE OF INVENTION: OTHER FIBROUS PROTEINS  
; FILE REFERENCE: 041082/0112  
; CURRENT APPLICATION NUMBER: US/09/964,662  
; PRIOR FILING DATE: 2003-05-08  
; PRIOR APPLICATION NUMBER: 09/340,736  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 117  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-964-662-9

Query Match 100.0%; Score 597; DB 12; Length 117;  
Best Local Similarity 100.0%; Pred. No. 4.4e-41;  
Matches 117; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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QY 61 AAKAAQGLVPGVGVGAPGVGAPGVGLAPGVGAPGVGAPGVGAPVPAIGP 117  
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Db 61 AAKAAQGLVPGVGVGAPGVGAPGVGAPGVGLAPGVGAPGVGAPGVGAPVPAIGP 117  
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RESULT 2  
US-09-964-662-10  
; Sequence 10, Application US/09964662







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QY      93 LAPGVGVPAGVPGVGVAPAG 116
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DB      161 V-PGVGV-PGVGV-PGVGV-PGAG 180

RESULT 13
US-10-096-986-81
; Sequence 81, Application US/10095986
; Publication No. US20030083464A1
; GENERAL INFORMATION:
; APPLICANT: Ferrari, Franco A.
;              Richardson, Charles
;              Chambers, James
;              Casey, Stuart
;              Pollock, Thomas J.
;              Cappello, Joseph
;              Crissman, John W.
; TITLE OF INVENTION: No. US20030083464A1 Peptides Comprising Repetitive
;                      Units of Amino Acids and DNA Sequences Encoding the Sa
; NUMBER OF SEQUENCES: 117
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr Hohbach Test Albritton & Herbert LLP
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/096.986
; FILING DATE: 12-Mar-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/444,791
; FILING DATE: 22-No. US20030083464A1-1999
; APPLICATION NUMBER: US 08/482,085
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/175,155
; FILING DATE: 29-DEC-1993
; APPLICATION NUMBER: US 08/053,049
; FILING DATE: 22-APR-1993
; APPLICATION NUMBER: US 07/114,618
; FILING DATE: 29-OCT-1987
; APPLICATION NUMBER: US 06/927,258
; FILING DATE: 04-NOV-1986
; ATTORNEY/AGENT INFORMATION:
; NAME: Irecartin, Richard F.
; REGISTRATION NUMBER: 31,801
; REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 81:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2055 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 81:
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US-10-096-986-81

Query Match          39.3%; Score 234.5; DB 15; Length 2055;
Best Local Similarity 46.7%; Pred: No. 7.2e-11;
Matches 78; Conservative 6; Mismatches 22; Indels 61; Gaps 14;

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GenCore version 5.1.6  
Copyright (C) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: October 10, 2003, 18:38:08 ; Search time 85.5429 Seconds  
(without alignments)  
1244.528 Million cell updates/sec

Title: US-09-964-662-9  
Perfect score: 597  
Sequence: 1 PGFGVGGEIPGVAGPGVG.....GVAPGVGVPAGVPAIGP 117

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 5728757 seqs, 909918778 residues

Total number of hits satisfying chosen parameters: 5728757

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

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30: /cgn2\_6/ptodata/1/paa/US104\_COMB.pep.\*  
31: /cgn2\_6/ptodata/1/paa/US106\_COMB.pep.\*  
32: /cgn2\_6/ptodata/1/paa/US60\_COMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES			
Result No.	Query Match	Length DB	Description
1	597 100.0	117 25	US-09-964-662-9 Sequence 9, Appli

2	597	100.0	118	25	US-09-964-662-10	Sequence 10, Appl
3	597	100.0	139	25	US-09-964-662-11	Sequence 11, Appl
4	597	100.0	200	25	US-09-964-662-2	Sequence 2, Appl
5	597	100.0	731	25	US-09-964-662-1	Sequence 1, Appl
6	593	99.3	702	32	US-60-453-060-10290	Sequence 10290, A
7	593	99.3	702	32	US-60-453-135-10290	Sequence 10290, A
8	593	99.3	702	32	US-60-466-412-10280	Sequence 10280, A
9	593	99.3	757	32	US-60-453-060-10289	Sequence 10289, A
10	593	99.3	757	32	US-60-453-135-10289	Sequence 10289, A
11	593	99.3	757	32	US-60-466-412-10289	Sequence 10289, A
12	587	98.3	515	21	US-09-743-818-71	Sequence 71, Appl
13	587	98.3	571	21	US-09-743-818-7	Sequence 7, Appl
14	587	98.3	660	18	US-09-463-091-5	Sequence 5, Appl
15	587	98.3	660	21	US-09-743-818-6	Sequence 6, Appl
16	587	98.3	698	18	US-09-463-091-3	Sequence 3, Appl
17	587	98.3	698	21	US-09-743-818-5	Sequence 5, Appl
18	587	98.3	711	28	US-10-210-172-38	Sequence 38, Appl
19	587	98.3	731	21	US-09-743-818-4	Sequence 4, Appl
20	587	98.3	733	18	US-09-463-091-2	Sequence 2, Appl
21	587	98.3	757	1	PCT-US03-09391-2	Sequence 2, Appl
22	586	98.2	772	22	US-09-760-494-217	Sequence 217, Appl
23	586	98.2	772	28	US-10-223-026-217	Sequence 217, Appl
24	580	97.2	712	19	US-09-554-996-3	Sequence 3, Appl
25	580	97.2	730	19	US-09-554-996-8	Sequence 8, Appl
26	574	96.1	692	28	US-10-210-172-40	Sequence 40, Appl
27	574	96.1	730	25	US-09-961-403-8	Sequence 8, Appl
28	484.5	81.2	472	20	US-09-611-523-212	Sequence 212, Appl
29	484.5	81.2	472	29	US-10-305-278-212	Sequence 212, Appl
30	471	78.9	663	27	US-10-108-260A-2477	Sequence 2477, Appl
31	434.5	72.8	617	27	US-10-104-047-2915	Sequence 2915, Appl
32	336	56.3	745	1	PCT-US99-04440-38	Sequence 38, Appl
33	336	56.3	745	16	US-09-258-723-38	Sequence 38, Appl
34	336	56.3	745	23	US-09-837-969A-38	Sequence 38, Appl
35	336	56.3	745	23	US-09-841-321A-38	Sequence 38, Appl
36	333.5	55.9	148	1	PCT-US99-04440-14	Sequence 14, Appl
37	333.5	55.9	148	16	US-09-258-723-14	Sequence 14, Appl
38	333.5	55.9	148	23	US-09-837-969A-14	Sequence 14, Appl
39	333.5	55.9	148	23	US-09-841-321A-14	Sequence 14, Appl
40	316	52.9	119	23	US-09-807-742-15	Sequence 15, Appl
41	281.5	47.2	864	28	US-10-219-051B-2524	Sequence 2524, Appl
42	245	41.0	1413	11	US-08-707-237-45	Sequence 45, Appl
43	245	41.0	1464	8	US-08-477-509-74	Sequence 74, Appl
44	245	41.0	1464	8	US-08-482-085-74	Sequence 74, Appl
45	245	41.0	1465	26	US-10-096-986-74	Sequence 74, Appl

ALIGNMENTS

RESULT 1  
US-09-964-662-9  
; Sequence 9, Application US/09964662  
; GENERAL INFORMATION:  
; APPLICANT: PROTEIN SPECIALTIES LTD.  
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND  
; TITLE OF INVENTION: OTHER FIBROUS PROTEINS  
; FILE REFERENCE: 041082/0112  
; CURRENT APPLICATION NUMBER: US/09/964,662  
; CURRENT FILING DATE: 2003-05-08  
; PRIOR APPLICATION NUMBER: 09/340,736  
; PRIOR FILING DATE: 1999-06-29  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 117  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-964-662-9

Query Match 100.0%; Score 597; DB 25; Length 117;  
Best Local Similarity 100.0%; Pred. No. 2.7e-43;  
Matches 117; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1  PGRGVGGIPGVAGVPGVGVPGVGVGSPGAQAAAAAAXKAYGVGTAAAAA 60
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Db      1  PGRGVGGIPGVAGVPGVGVPGVGVGSPGAQAAAAAAXKAYGVGTAAAAA 60
      |||

QY      61  AAKAAGFLVPGVAGVPGVAGVPGVGLAPGVLAPGVAGVPGVGVAPAI 117
      |||
Db      61  AAKAAGFLVPGVAGVPGVAGVPGVGLAPGVLAPGVAGVPGVGVAPAI 117
      |||

RESULT 2
US-09-964-662-10
; Sequence 10, Application US/09964662
; GENERAL INFORMATION:
; APPLICANT: PROTEIN SPECIALTIES LTD.
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
; TITLE OF INVENTION: OTHER FIBROUS PROTEINS
; FILE REFERENCE: 041082/0112
; CURRENT APPLICATION NUMBER: US/09/964,662
; CURRENT FILING DATE: 2003-05-08
; PRIOR APPLICATION NUMBER: 09/340,736
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 118
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-964-662-10

Query Match      100.0%; Score 597; DB 25; Length 118;
Best Local Similarity 100.0%; Pred. No. 2.7e-43;
Matches 117; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  PGRGVGGIPGVAGVPGVGVPGVGVGSPGAQAAAAAAXKAYGVGTAAAAA 60
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Db      2  PGRGVGGIPGVAGVPGVGVPGVGVGSPGAQAAAAAAXKAYGVGTAAAAA 61
      |||

QY      61  AAKAAGFLVPGVAGVPGVAGVPGVGLAPGVLAPGVAGVPGVGVAPAI 117
      |||
Db      62  AAKAAGFLVPGVAGVPGVAGVPGVGLAPGVLAPGVAGVPGVGVAPAI 118
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RESULT 3
US-09-964-662-11
; Sequence 11, Application US/09964662
; GENERAL INFORMATION:
; APPLICANT: PROTEIN SPECIALTIES LTD.
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
; TITLE OF INVENTION: OTHER FIBROUS PROTEINS
; FILE REFERENCE: 041082/0112
; CURRENT APPLICATION NUMBER: US/09/964,662
; CURRENT FILING DATE: 2003-05-08
; PRIOR APPLICATION NUMBER: 09/340,736
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 199
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-964-662-11

Query Match      100.0%; Score 597; DB 25; Length 199;
Best Local Similarity 100.0%; Pred. No. 4.8e-43;
Matches 117; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  PGRGVGGIPGVAGVPGVGVPGVGVGSPGAQAAAAAAXKAYGVGTAAAAA 60
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Db      1  PGRGVGGIPGVAGVPGVGVPGVGVGSPGAQAAAAAAXKAYGVGTAAAAA 60
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QY      61  AAKAAGFLVPGVAGVPGVAGVPGVGLAPGVLAPGVAGVPGVGVAPAI 117
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Db      61  AAKAAGFLVPGVAGVPGVAGVPGVGLAPGVLAPGVAGVPGVGVAPAI 117
      |||

RESULT 4
US-09-964-662-2
; Sequence 2, Application US/09964662
; GENERAL INFORMATION:
; APPLICANT: PROTEIN SPECIALTIES LTD.
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
; TITLE OF INVENTION: OTHER FIBROUS PROTEINS
; FILE REFERENCE: 041082/0112
; CURRENT APPLICATION NUMBER: US/09/964,662
; CURRENT FILING DATE: 2003-05-08
; PRIOR APPLICATION NUMBER: 09/340,736
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 200
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-964-662-2

Query Match      100.0%; Score 597; DB 25; Length 200;
Best Local Similarity 100.0%; Pred. No. 4.8e-43;
Matches 117; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  PGRGVGGIPGVAGVPGVGVPGVGVGSPGAQAAAAAAXKAYGVGTAAAAA 60
      |||
Db      2  PGRGVGGIPGVAGVPGVGVPGVGVGSPGAQAAAAAAXKAYGVGTAAAAA 61
      |||

QY      61  AAKAAGFLVPGVAGVPGVAGVPGVGLAPGVLAPGVAGVPGVGVAPAI 117
      |||
Db      62  AAKAAGFLVPGVAGVPGVAGVPGVGLAPGVLAPGVAGVPGVGVAPAI 118
      |||

RESULT 5
US-09-964-662-1
; Sequence 1, Application US/09964662
; GENERAL INFORMATION:
; APPLICANT: PROTEIN SPECIALTIES LTD.
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
; TITLE OF INVENTION: OTHER FIBROUS PROTEINS
; FILE REFERENCE: 041082/0112
; CURRENT APPLICATION NUMBER: US/09/964,662
; CURRENT FILING DATE: 2003-05-08
; PRIOR APPLICATION NUMBER: 09/340,736
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 731
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-964-662-1

Query Match      100.0%; Score 597; DB 25; Length 731;
Best Local Similarity 100.0%; Pred. No. 2e-42;
Matches 117; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  PGRGVGGIPGVAGVPGVGVPGVGVGSPGAQAAAAAAXKAYGVGTAAAAA 60
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Db      379  PGRGVGGIPGVAGVPGVGVPGVGVGSPGAQAAAAAAXKAYGVGTAAAAA 438
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QY      61  AAKAAGFLVPGVAGVPGVAGVPGVGLAPGVLAPGVAGVPGVGVAPAI 117
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Db      439 AAKAAQFGLPVGAGVAPGVAGVAGVGLAPGVAGVAPGVAGVAPG 495

RESULT 6
US-60-453-050-10290
; Sequence 10290, Application US/60453050
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; APPLICANT: LUKE, May
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CL001457
; CURRENT APPLICATION NUMBER: US/60/453.050
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 82762
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 10290
; LENGTH: 702
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-453-050-10290

Query Match      99.3%; Score 593; DB 32; Length 702;
Best Local Similarity 99.1%; Pred. No. 4.2e-42;
Matches 116; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 PGFGVGGGIPGVAGVPGVGGVPGVGGVSPQAQAAAAAQAAYGVTGTPAAAAA 60
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Db      383 PGFGVGGGIPGVAGVPGVGGVPGVGGVSPQAQAAAAAQAAYGVTGTPAAAAA 442

QY      61 AAKAAQFGLPVGAGVAPGVAGVAPGVAGVGLAPGVAGVAPGVAGVAPG 117
        |||||||
Db      443 AAKAAQFGLPVGAGVAPGVAGVAPGVAGVGLAPGVAGVAPGVAGVAPG 499

RESULT 7
US-60-453-135-10290
; Sequence 10290, Application US/60453135
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; APPLICANT: IAKOUBOVA, Olga
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CL001456
; CURRENT APPLICATION NUMBER: US/60/453.135
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 82762
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 10290
; LENGTH: 702
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-453-135-10290

Query Match      99.3%; Score 593; DB 32; Length 702;
Best Local Similarity 99.1%; Pred. No. 4.2e-42;
Matches 116; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 PGFGVGGGIPGVAGVPGVGGVPGVGGVSPQAQAAAAAQAAYGVTGTPAAAAA 60
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Db      383 PGFGVGGGIPGVAGVPGVGGVPGVGGVSPQAQAAAAAQAAYGVTGTPAAAAA 442

QY      61 AAKAAQFGLPVGAGVAPGVAGVAPGVAGVGLAPGVAGVAPGVAGVAPG 117
        |||||||
Db      443 AAKAAQFGLPVGAGVAPGVAGVAPGVAGVGLAPGVAGVAPGVAGVAPG 499

RESULT 8
US-60-466-412-10290
; Sequence 10290, Application US/60466412
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; APPLICANT: IAKOUBOVA, Olga

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; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CL001466
; CURRENT APPLICATION NUMBER: US/60/466.412
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 429241
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 10290
; LENGTH: 702
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-466-412-10290

Query Match      99.3%; Score 593; DB 32; Length 702;
Best Local Similarity 99.1%; Pred. No. 4.2e-42;
Matches 116; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 PGFGVGGGIPGVAGVPGVGGVPGVGGVSPQAQAAAAAQAAYGVTGTPAAAAA 60
        |||||||
Db      383 PGFGVGGGIPGVAGVPGVGGVPGVGGVSPQAQAAAAAQAAYGVTGTPAAAAA 442

QY      61 AAKAAQFGLPVGAGVAPGVAGVAPGVAGVGLAPGVAGVAPGVAGVAPG 117
        |||||||
Db      443 AAKAAQFGLPVGAGVAPGVAGVAPGVAGVGLAPGVAGVAPGVAGVAPG 499

RESULT 9
US-60-453-050-10289
; Sequence 10289, Application US/60453050
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; APPLICANT: LUKE, May
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CL001457
; CURRENT APPLICATION NUMBER: US/60/453.050
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 82762
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 10289
; LENGTH: 757
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-453-050-10289

Query Match      99.3%; Score 593; DB 32; Length 757;
Best Local Similarity 99.1%; Pred. No. 4.6e-42;
Matches 116; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 PGFGVGGGIPGVAGVPGVGGVPGVGGVSPQAQAAAAAQAAYGVTGTPAAAAA 60
        |||||||
Db      405 PGFGVGGGIPGVAGVPGVGGVPGVGGVSPQAQAAAAAQAAYGVTGTPAAAAA 464

QY      61 AAKAAQFGLPVGAGVAPGVAGVAPGVAGVGLAPGVAGVAPGVAGVAPG 117
        |||||||
Db      465 AAKAAQFGLPVGAGVAPGVAGVAPGVAGVGLAPGVAGVAPGVAGVAPG 521

RESULT 10
US-60-453-135-10289
; Sequence 10289, Application US/60453135
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; APPLICANT: IAKOUBOVA, Olga
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CL001456
; CURRENT APPLICATION NUMBER: US/60/453.135
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 82762
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 10289
; LENGTH: 757

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; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-463-091-5

Query Match      98.3%; Score 587; DB 18; Length 660;
Best Local Similarity 98.3%; Pred No. 1.3e-41;
Matches 115; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 PFGVGVGGLPGVAGVPGVGGVPGVGGVSPGAQAAAAAKAAYGVGTPTAAAAAKA 60
        |||||||
Db      342 PFGVGVGGLPGVAGVPGVGGVPGVGGVSPGAQAAAAAKAAYGVGTPTAAAAAKA 401
        |||||||

QY      61 AAKAAQFGLPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPAIGP 117
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Db      402 AAKAAQFGLPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPAIGP 458
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RESULT 15
US-09-743-818-6
; Sequence 6, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 660
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-6
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Query Match      98.3%; Score 587; DB 21; Length 660;
Best Local Similarity 98.3%; Pred No. 1.3e-41;
Matches 115; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 PFGVGVGGLPGVAGVPGVGGVPGVGGVSPGAQAAAAAKAAYGVGTPTAAAAAKA 60
        |||||||
Db      342 PFGVGVGGLPGVAGVPGVGGVPGVGGVSPGAQAAAAAKAAYGVGTPTAAAAAKA 401
        |||||||

QY      61 AAKAAQFGLPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPAIGP 117
        |||||||
Db      402 AAKAAQFGLPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPAIGP 458
        |||||||
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Search completed: October 10, 2003, 18:59:56  
Job time : 86.5429 secs

Result No.	Score	Query		ID	Description
		Match	Length		
1	593	99.3	702	7	US-60-487-610-1797
2	593	99.3	757	7	US-60-487-610-1796
3	587	99.3	711	1	PCT-US02-24483-38
4	574	96.1	692	1	PCT-US02-24483-40
5	316	52.9	119	5	US-09-807-7424-15
6	230	38.5	1250	5	US-09-807-7424-1
7	191	32.0	252	1	PCT-US03-26780-3569
8	191	32.0	279	1	PCT-US03-26780-3570
9	191	32.0	366	1	PCT-US03-26780-3572
10	191	32.0	384	1	PCT-US03-26780-3573
11	191	32.0	906	1	PCT-US03-26780-3571
12	179	30.0	1386	1	PCT-US03-19153-284
13	160.5	26.9	951	1	PCT-US03-26780-3411
14	158	26.5	762	1	PCT-US03-26780-3010
15	158	26.5	885	1	PCT-US03-26780-3009
16	154.5	25.9	889	1	PCT-US03-26780-3646
17	151	25.3	1755	1	PCT-US03-26780-3444
18	150.5	25.2	534	1	PCT-US03-26780-3162
19	150.5	25.2	537	1	PCT-US03-26780-3160
20	150.5	25.2	594	1	PCT-US03-26780-3136
21	149	25.0	1350	1	PCT-US03-26780-3136
22	149	25.0	1719	1	PCT-US03-26780-3135
23	141	23.6	222	1	PCT-US03-26780-3427
24	141	23.6	240	1	PCT-US03-26780-3432
25	141	23.6	261	1	PCT-US03-26780-3459
26	140	23.5	396	1	PCT-US03-26780-3578

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-487-610-1796

Query Match
Best Local Similarity 99.1%; Score 593; DB 7; Length 757;
Matches 116; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 PFGVGVGIPGVAGVPGVGVPGVGVGSPGAQAAAAAARAAKYGVTGTPAAAAA 60
Db 405 PFGVGVGIPGVAGVPGVGVPGVGVGSPGAQAAAAAARAAKYGVTGTPAAAAA 464

QY 61 AAKAAQFGLVPGVGVAGVPGVGVAGVPGVGLAGVAGVAGVAGVAGVAGVAGV 117
Db 465 AAKAAQFGLVPGVGVAGVPGVGVAGVPGVGLAGVAGVAGVAGVAGVAGVAGV 521

RESULT 3
PCT-US02-24483-38
; Sequence 38, Application PC/TUS0224483
; GENERAL INFORMATION:
; APPLICANT: Curagen Corp. et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-416A-061
; CURRENT APPLICATION NUMBER: PCT/US02/24483
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,994
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/373,814
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/310,544
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/313,201
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/312,892
; PRIOR FILING DATE: 2001-08-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 327
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 38
; LENGTH: 711
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-24483-38

Query Match
Best Local Similarity 98.3%; Score 587; DB 1; Length 711;
Matches 115; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 PFGVGVGIPGVAGVPGVGVPGVGVGSPGAQAAAAAARAAKYGVTGTPAAAAA 60
Db 410 PFGVGVGIPGVAGVPGVGVPGVGVGSPGAQAAAAAARAAKYGVTGTPAAAAA 469

QY 61 AAKAAQFGLVPGVGVAGVPGVGVAGVPGVGLAGVAGVAGVAGVAGVAGVAGV 117
Db 470 AAKAAQFGLVPGVGVAGVPGVGVAGVPGVGLAGVAGVAGVAGVAGVAGVAGV 526

RESULT 4
PCT-US02-24483-40
; Sequence 40, Application PC/TUS0224483
; GENERAL INFORMATION:
; APPLICANT: Curagen Corp. et al.

```

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; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND ME
; FILE REFERENCE: 21402-416A-061
; CURRENT APPLICATION NUMBER: PCT/US02/24483
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,994
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/373,814
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/310,544
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/313,201
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/312,892
; PRIOR FILING DATE: 2001-08-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 327
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 40
; LENGTH: 692
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-24483-40

Query Match
Best Local Similarity 96.1%; Score 574; DB 1; Length 692;
Matches 115; Conservative 0; Mismatches 2; Indels 6; Gaps 1;

QY 1 PFGVGVGIPGVAGVPGVGVPGVGVGSPGAQAAAAAARAAKYGVTGTPAAAAA 60
Db 367 PFGVGVGIPGVAGVPGVGVPGVGVGSPGAQAAAAAARAAKYGVTGTPAAAAA 426

QY 61 AAKAAQF-----GLVPGVGVAGVPGVGVAGVPGVGLAGVAGVAGVAGVAGVAGV 114
Db 427 AAKAAQFALLNLGLVPGVGVAGVPGVGVAGVPGVGLAGVAGVAGVAGVAGVAGV 486

QY 115 IGP 117
Db 487 IGP 489

RESULT 5
US-09-807-742A-15
; Sequence 15, Application US/09807742A
; GENERAL INFORMATION:
; APPLICANT: DANIELL, HENRY
; TITLE OF INVENTION: PRODUCTION OF PHARMACEUTICAL PROTEINS IN TRANSGENIC
; FILE REFERENCE: 1465-PCT-US-00
; CURRENT APPLICATION NUMBER: US/09/807,742A
; CURRENT FILING DATE: 2001-04-18
; PRIOR APPLICATION NUMBER: PCT/US01/06288
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Escherichia coli
US-09-807-742A-15

Query Match
Best Local Similarity 52.9%; Score 316; DB 5; Length 119;
Matches 62; Conservative 11; Mismatches 30; Indels 16; Gaps 3;

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Matches 47; Conservative 1; Mismatches 63; Indels 0; Gaps 0;
QY 6 GVGIPGVAGVPGVGVPGVGVGSPGAQAAAAKAAKYGVGTPTAAAAKAAKAA 65
    | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 61 GAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 120
    | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 66 QFGLVPGVGVAPGVGVAPGVGVGLAPGVGVAPGVGVAPGVGVAPG 116
    | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 121 GAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 171

RESULT 9
PCT-US03-26780-3572
; Sequence 3572, Application PC/TUS0326780
; GENERAL INFORMATION:
; APPLICANT: FIVEPRIME THERAPEUTICS, INC.
; TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: THEIR USE
; FILE REFERENCE: 08940.0014-00304
; CURRENT APPLICATION NUMBER: PCT/US03/26780
; CURRENT FILING DATE: 2003-08-28
; PRIOR APPLICATION NUMBER: 60/406,616
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,579
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,655
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,642
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,640
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,588
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,576
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,646
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,666
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,653
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3700
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3572
; LENGTH: 366
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US03-26780-3572

Query Match 32.0%; Score 191; DB 1; Length 366;
Best Local Similarity 42.3%; Pred. No. 0.085;
Matches 47; Conservative 1; Mismatches 63; Indels 0; Gaps 0;
QY 6 GVGIPGVAGVPGVGVPGVGVGSPGAQAAAAKAAKYGVGTPTAAAAKAAKAA 65
    | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 61 GAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 120
    | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 66 QFGLVPGVGVAPGVGVAPGVGVGLAPGVGVAPGVGVAPGVGVAPG 116
    | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 121 GAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 171

RESULT 10
PCT-US03-26780-3573
; Sequence 3573, Application PC/TUS0326780
; GENERAL INFORMATION:
; APPLICANT: FIVEPRIME THERAPEUTICS, INC.
; TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: THEIR USE
; FILE REFERENCE: 08940.0014-00304
; CURRENT APPLICATION NUMBER: PCT/US03/26780
; CURRENT FILING DATE: 2003-08-28
; PRIOR APPLICATION NUMBER: 60/406,616
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,579
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,655
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,642
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,640
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,588
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,576
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,646
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,666
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,653
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3700
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3572
; LENGTH: 366
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US03-26780-3572

Query Match 32.0%; Score 191; DB 1; Length 366;
Best Local Similarity 42.3%; Pred. No. 0.085;
Matches 47; Conservative 1; Mismatches 63; Indels 0; Gaps 0;
QY 6 GVGIPGVAGVPGVGVPGVGVGSPGAQAAAAKAAKYGVGTPTAAAAKAAKAA 65
    | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 61 GAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 120
    | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 66 QFGLVPGVGVAPGVGVAPGVGVGLAPGVGVAPGVGVAPGVGVAPG 116
    | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 121 GAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 171

RESULT 11
PCT-US03-26780-3571
; Sequence 3571, Application PC/TUS0326780
; GENERAL INFORMATION:
; APPLICANT: FIVEPRIME THERAPEUTICS, INC.
; TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: THEIR USE
; FILE REFERENCE: 08940.0014-00304
; CURRENT APPLICATION NUMBER: PCT/US03/26780
; CURRENT FILING DATE: 2003-08-28
; PRIOR APPLICATION NUMBER: 60/406,616
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,579
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,655
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,642
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,640
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,588
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,576
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,646
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,666
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,653
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3700
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3573
; LENGTH: 384
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US03-26780-3573

Query Match 32.0%; Score 191; DB 1; Length 384;
Best Local Similarity 42.3%; Pred. No. 0.087;
Matches 47; Conservative 1; Mismatches 63; Indels 0; Gaps 0;
QY 6 GVGIPGVAGVPGVGVPGVGVGSPGAQAAAAKAAKYGVGTPTAAAAKAAKAA 65
    | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 61 GAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 120
    | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 66 QFGLVPGVGVAPGVGVAPGVGVGLAPGVGVAPGVGVAPGVGVAPG 116
    | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 121 GAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 171
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; PRIOR APPLICATION NUMBER: 60/406,655
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,642
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,640
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,588
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,576
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,646
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,666
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,653
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3700
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3411
; LENGTH: 951
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US03-26780-3411

Query Match          26.9%; Score 160.5; DB 1; Length 951;
Best Local Similarity 39.7%; Pred. No. 2.2;
Matches 50; Conservative 0; Mismatches 59; Indels 17; Gaps 4;

QY      4   GVGVGIPVAGVG-----VGVGVGVGVGVGVGISPEAQAAAAAKKAYGVGTAAAAAK 59
        ||| |||| | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB      98   GAGAAGAGCAACAAAGAAAAGGAAGGAAAAG----AGAAAAAGAAAGAGGAGGAGGG 153
        ||| |||| | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY      60   AAKRAQELPGVGVAPGVGVA---PCVGVAPGVGLAPEGV-----VAPGVGVAPGVG 110
        ||| |||| | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB     154   AGCAGAGGAACAAGAGGAGGAGAAAGTAGAGAAAGAGGAGGAGATGAGATGAAGAGGAGAG 213
        ||| |||| | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY      111  VAPAIG 116
        ||| |||| | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB     214   GAAAAG 219

RESULT 14
PCT-US03-26780-3010
; Sequence 3010, Application PC/TUS0326780
; GENERAL INFORMATION:
; APPLICANT: FIVEPRIME THERAPEUTICS, INC.
; TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF USE
; FILE REFERENCE: 08940.0014-00304
; CURRENT APPLICATION NUMBER: PCT/US03/26780
; CURRENT FILING DATE: 2003-08-28
; PRIOR APPLICATION NUMBER: 60/406,616
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,579
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,655
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,642
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,640
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,588
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,576
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,646
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,666
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,653
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
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RESULT 11
US-09-841-334A-14
; Sequence 14, Application US/09841334A
; Patent No. 6533819
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; APPLICANT: Parker, Timothy
; APPLICANT: Glazer, Paul
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/05US
; CURRENT APPLICATION NUMBER: US/09/841,334A
; CURRENT FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 148
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(148)
; OTHER INFORMATION: Synthetic
US-09-841-334A-14

Query Match          55.3%; Score 333.5; DB 4; Length 148;
Best Local Similarity 59.7%; Pred. No. 3.6e-24;
Matches 74; Conservative 5; Mismatches 10; Indels 35; Gaps 5;

Qy  2 PGFGVGGIGPVAGVPGVG---GVPGVG---GVPGVGISPEAQAAAAA---GVPGVGT 53
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db  5 PGVGPGVGVPGVG-GVPGVGPGVPGVGPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 49
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy  54 PAAAAAKAAKAAQFGLVPGVAGVAGVAGVAGVAGVAGVAGVAGVAGVAGVAGVAGV 113
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db  50 PGV-----GVAPGVAGVAGVAGVAGVAGVAGVAGVAGVAGVAGVAGVAGVAGV 97
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Qy  114 PAIG 117
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db  98 PGVG 101

RESULT 12
US-08-806-029-33
; Sequence 33, Application US/08806029
; Patent No. 6380154
; GENERAL INFORMATION:
; APPLICANT: Cappello, Joseph
; APPLICANT: Stedronsky, Erwin R.
; TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
; TITLE OF INVENTION: Delivery and Tissue Augmentation
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/806,029
; FILING DATE: 24-FEB-1997
```

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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,237
FILING DATE: 11-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MTK
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 1169 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-806-029-33

Query Match          46.5%; Score 280.5; DB 4; Length 1169;
Best Local Similarity 34.8%; Pred. No. 2.5e-18;
Matches 72; Conservative 6; Mismatches 38; Indels 91; Gaps 3;

Qy  2 PGFGV--GVGGIPGVAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 43
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db  131 PGVGPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 190
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy  44 -----
Db  191 SGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSG 250
    44 AKAAYGVGTAAAKAAKAAQ-----FGLVPGVPGVPGVPGVPGVPGVPGV 90
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db  251 ASAGYTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 310
    91 GYGLAPGVGVPAGVPGVPGVPGVPAIG 117
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db  311 GVGPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 337

RESULT 13
US-08-212-237-5
; Sequence 5, Application US/08212237
; Patent No. 5606019
; GENERAL INFORMATION:
; APPLICANT: Cappello, Joseph
; TITLE OF INVENTION: Synthetic Proteins As Implants
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/212,237
; FILING DATE: 11-MAR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20,015
; REFERENCE/DOCKET NUMBER: A-58847/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 5:
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Matches 74; Conservative 5; Mismatches 28; Indels 25; Gaps 12

Job time : 6.10037 secs

## ALIGNMENTS

```

; Publication No. US20030166846A1
; GENERAL INFORMATION:
; APPLICANT: PROTEIN SPECIALTIES LTD.
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
; TITLE OF INVENTION: OTHER FIBROUS PROTEINS
; FILE REFERENCE: 041082/0112
; CURRENT APPLICATION NUMBER: US/09/964,662
; CURRENT FILING DATE: 2003-05-08
; PRIOR APPLICATION NUMBER: 09/340,736
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 200
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: polypeptide
US-09-964-662-2

Query Match      100.0%; Score 603; DB 12; Length 200;
Best Local Similarity 100.0%; Pred. No. 2.4e-41;
Matches 118; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  PPFGVGVGIGPVAGVPGVGVPGVGPGVGIPEAQAAAAAKAAKYGVGTAAAAAK 60
DB      1  PPFGVGVGIGPVAGVPGVGVPGVGPGVGIPEAQAAAAAKAAKYGVGTAAAAAK 60

QY      61  AAKAAQAQGLVPGVGVPAGVGPAGVGPAGVGLAPGVGPAGVGPAGVGPAPAIGP 118
DB      61  AAKAAQAQGLVPGVGVPAGVGPAGVGPAGVGLAPGVGPAGVGPAGVGPAPAIGP 118

RESULT 3
US-09-964-662-1
; Sequence 1, Application US/09964662
; Publication No. US20030166846A1
; GENERAL INFORMATION:
; APPLICANT: PROTEIN SPECIALTIES LTD.
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
; TITLE OF INVENTION: OTHER FIBROUS PROTEINS
; FILE REFERENCE: 041082/0112
; CURRENT APPLICATION NUMBER: US/09/964,662
; CURRENT FILING DATE: 2003-05-08
; PRIOR APPLICATION NUMBER: 09/340,736
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 731
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-964-662-1

Query Match      100.0%; Score 603; DB 12; Length 731;
Best Local Similarity 100.0%; Pred. No. 8.7e-41;
Matches 118; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  PPFGVGVGIGIPGVAGVPGVGVPGVGPGVGIPEAQAAAAAKAAKYGVGTAAAAAK 60
DB      378  PPFGVGVGIGIPGVAGVPGVGVPGVGPGVGIPEAQAAAAAKAAKYGVGTAAAAAK 437

QY      61  AAKAAQAQGLVPGVGVPAGVGPAGVGPAGVGLAPGVGPAGVGPAGVGPAPAIGP 118
DB      438  AAKAAQAQGLVPGVGVPAGVGPAGVGPAGVGLAPGVGPAGVGPAGVGPAPAIGP 495

RESULT 4
US-09-964-662-9
; Sequence 9, Application US/09964662

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QY      94 LAPGVGVPAGVAPGVGVAIPAIG 117
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Db      161 V-PGVGV-PGVGV-PGVGV-PGA 180

RESULT 13
US-10-096-986-81
; Sequence 81, Application US/10096986
; Publication No. US20030083464A1
; GENERAL INFORMATION:
; APPLICANT: Ferrari, Franco A.
;              Richardson, Charles
;              Chambers, James
;              Causey, Stuart
;              Pollock, Thomas J.
;              Cappello, Joseph
;              Crissman, John W.
; TITLE OF INVENTION: NO. US20030083464A:el Peptides Comprising Repetitive
;                      Units of Amino Acids and DNA Sequences Encoding the Sa
; NUMBER OF SEQUENCES: 117
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr Hobbach Test Albritton & Herbert LLP
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/096,986
; FILING DATE: 12-Mar-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/444,791
; FILING DATE: 22-No. US20030083464A1-1999
; APPLICATION NUMBER: US 08/482,085
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/175,155
; FILING DATE: 29-DEC-1993
; APPLICATION NUMBER: US 08/053,049
; FILING DATE: 22-APR-1993
; APPLICATION NUMBER: US 07/114,618
; FILING DATE: 29-OCT-1987
; APPLICATION NUMBER: US 06/927,258
; FILING DATE: 04-NOV-1986
; ATTORNEY/AGENT INFORMATION:
; NAME: Tracartin, Richard F.
; REGISTRATION NUMBER: 31,801
; REFERENCE/DOCKET NUMBER: A-55186-11/RPT/BTC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 81:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2055 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 81:

US-10-096-986-81

Query Match          38.9%; Score 234.5; DB 15; Length 2055;
Best Local Similarity 46.7%; Pred. No. 7.le-11;
Matches 78; Conservative 6; Mismatches 22; Indels 61; Gaps 14;

QY      3 GFVGVGVG---GIPGVAGVPGVG----GVPGVG-----GVFGVGISPEAQ--A 41
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GenCore version 5.1.6  
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: October 10, 2003, 18:38:08 ; Search time 86.274 Seconds  
(without alignments)  
1244.528 Million cell updates/sec

Title: US-09-964-662-10  
Perfect score: 603  
Sequence: 1 FPGFGVGGIGFVAGVPGV.....GVAPGVGVPAGVAPG 118

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 5728757 seqs, 909918778 residues

Total number of hits satisfying chosen parameters: 5728757

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

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1	603	100.0	118	25	US-09-964-662-10 Sequence 10, Appl

2	603	100.0	200	25	US-09-964-662-2	Sequence 2, Appl
3	603	100.0	731	25	US-09-964-662-1	Sequence 1, Appl
4	599	99.3	702	32	US-60-453-050-10290	Sequence 10290, A
5	599	99.3	702	32	US-60-453-135-10290	Sequence 10290, A
6	599	99.3	702	32	US-60-466-412-10290	Sequence 10290, A
7	599	99.3	757	32	US-60-453-050-10289	Sequence 10289, A
8	599	99.3	757	32	US-60-453-135-10289	Sequence 10289, A
9	599	99.3	757	32	US-60-466-412-10289	Sequence 10289, A
10	597	99.0	117	25	US-09-964-662-9	Sequence 9, Appl
11	597	99.0	199	25	US-09-964-662-11	Sequence 11, Appl
12	593	98.3	515	21	US-09-743-818-71	Sequence 71, Appl
13	593	98.3	571	21	US-09-743-818-7	Sequence 7, Appl
14	593	98.3	660	18	US-09-463-091-5	Sequence 5, Appl
15	593	98.3	660	18	US-09-743-818-6	Sequence 6, Appl
16	593	98.3	698	18	US-09-463-091-3	Sequence 3, Appl
17	593	98.3	698	21	US-09-743-818-5	Sequence 5, Appl
18	593	98.3	711	28	US-10-210-172-38	Sequence 38, Appl
19	593	98.3	731	21	US-09-743-818-4	Sequence 4, Appl
20	593	98.3	733	18	US-09-463-091-2	Sequence 2, Appl
21	593	98.3	757	1	PCT-US03-09391-2	Sequence 2, Appl
22	592	98.2	772	22	US-09-750-494-217	Sequence 217, Appl
23	592	98.2	772	28	US-10-223-026-217	Sequence 217, Appl
24	586	97.2	712	19	US-09-554-996-3	Sequence 3, Appl
25	586	97.2	730	19	US-09-554-996-6	Sequence 8, Appl
26	580	96.2	692	28	US-10-210-172-40	Sequence 40, Appl
27	580	96.2	730	25	US-09-961-403-8	Sequence 8, Appl
28	490.5	81.3	472	20	US-09-611-523-212	Sequence 212, Appl
29	490.5	81.3	472	29	US-10-305-278-212	Sequence 212, Appl
30	477	79.1	663	27	US-10-108-260A-2477	Sequence 2477, Ap
31	434.5	72.1	617	27	US-10-104-047-2915	Sequence 2915, Ap
32	336	55.7	745	1	PCT-US99-04440-38	Sequence 38, Appl
33	336	55.7	745	16	US-09-258-723-38	Sequence 38, Appl
34	336	55.7	745	23	US-09-837-969A-38	Sequence 38, Appl
35	336	55.7	745	23	US-09-841-321A-38	Sequence 38, Appl
36	333.5	55.3	148	1	PCT-US99-04440-14	Sequence 14, Appl
37	333.5	55.3	148	16	US-09-258-723-14	Sequence 14, Appl
38	333.5	55.3	148	23	US-09-837-969A-14	Sequence 14, Appl
39	333.5	55.3	148	23	US-09-841-321A-14	Sequence 14, Appl
40	316	52.4	119	23	US-09-807-742-15	Sequence 15, Appl
41	281.5	45.7	864	28	US-10-219-051B-2524	Sequence 2524, Ap
42	245	40.6	1413	11	US-08-707-237-45	Sequence 45, Appl
43	245	40.6	1464	8	US-08-477-509-74	Sequence 74, Appl
44	245	40.6	1464	8	US-08-482-085-74	Sequence 74, Appl
45	245	40.6	1465	26	US-10-036-986-74	Sequence 74, Appl

ALIGNMENTS

RESULT 1  
US-09-964-662-10  
; Sequence 10, Application US/09964662  
; GENERAL INFORMATION:  
; APPLICANT: PROTEIN SPECIALTIES LTD.  
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP  
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND  
; TITLE OF INVENTION: OTHER FIBROUS PROTEINS  
; FILE REFERENCE: 041082/0112  
; CURRENT APPLICATION NUMBER: US/09/964,662  
; CURRENT FILING DATE: 2003-05-08  
; PRIOR APPLICATION NUMBER: 09/340,736  
; PRIOR FILING DATE: 1999-06-29  
; NUMBER OF SEQ IDS NOS: 11  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 10  
; LENGTH: 118  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-964-662-10

Query Match 100.0%; Score 603; DB 25; Length 118;  
Best Local Similarity 100.0%; Pred. No. 6.9e-44;  
Matches 118; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



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; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 82762
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10289
; LENGTH: 757
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-453-135-10289

Query Match          99.3%; Score 599; DB 32; Length 757;
Best Local Similarity 99.2%; Pred.No.1.2e-42;
Matches 117; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1 PFPGFGVGGIPGVAGVPGVGPGVGGVGGVGGISPEAQAAAAAANKYGYGTPTAAAAAK 60
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Db      404 PFPGFGVGGIPGVAGVPGVGPGVGGVGGVGGISPEAQAAAAAANKYGYGTPTAAAAAK 463

Qy      61 AAKAAQAQGLFVPGVAPGVPAGVGPAGVGPGLAPGVPAGVGPVAPGVPAGVPAIGP 118
        |||
Db      464 AAKAAQAQGLFVPGVAPGVPAGVGPAGVGPGLAPGVPAGVGPVAPGVPAGVPAIGP 521

RESULT 9
US-60-466-412-10289
; Sequence 10289, Application US/60466412
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; APPLICANT: IAKOUBOVA, Olga
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001466
; CURRENT APPLICATION NUMBER: US/60/466,412
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 429241
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10289
; LENGTH: 757
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-466-412-10289

Query Match          99.3%; Score 599; DB 32; Length 757;
Best Local Similarity 99.2%; Pred.No.1.2e-42;
Matches 117; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1 PFPGFGVGGIPGVAGVPGVGPGVGGVGGVGGISPEAQAAAAAANKYGYGTPTAAAAAK 60
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Db      404 PFPGFGVGGIPGVAGVPGVGPGVGGVGGVGGISPEAQAAAAAANKYGYGTPTAAAAAK 463

Qy      61 AAKAAQAQGLFVPGVAPGVPAGVGPAGVGPGLAPGVPAGVGPVAPGVPAGVPAIGP 118
        |||
Db      464 AAKAAQAQGLFVPGVAPGVPAGVGPAGVGPGLAPGVPAGVGPVAPGVPAGVPAIGP 521

RESULT 10
US-09-964-662-9
; Sequence 9, Application US/09964662
; GENERAL INFORMATION:
; APPLICANT: PROTEIN SPECIALTIES LTD.
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND OTHER FIBROUS PROTEINS
; FILE REFERENCE: 041082/0112
; CURRENT APPLICATION NUMBER: US/09/964,662
; CURRENT FILING DATE: 2003-05-08
; PRIOR APPLICATION NUMBER: 09/340,736
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 117
; TYPE: PRT
; ORGANISM: Homo sapiens
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US-09-964-662-9

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Query Match          99.0%; Score 597; DB 25; Length 117;
Best Local Similarity 100.0%; Pred. No. 2.2e-43;
Matches 117; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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[illegible]

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RESULT 11
US-09-964-662-11
; Sequence 11, Application US/09964662
; GENERAL INFORMATION:
; APPLICANT: PROTEIN SPECIALTIES LTD.
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
; TITLE OF INVENTION: OTHER FIBROUS PROTEINS
; FILE REFERENCE: 041082/0112
; CURRENT APPLICATION NUMBER: US/09/964,662
; CURRENT FILING DATE: 2003-05-08
; PRIOR APPLICATION NUMBER: 09/340,736
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 11
; LENGTH: 199
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-964-662-11

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[illegible]

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RESULT 12
US-09-743-818-71
; Sequence 71, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 71
; LENGTH: 515
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-71

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**Qy** 1 FFGFVGVGIPGVAGVPVGGVPGVGSPEAQAAAAAKAAKYGVGTAAAAAK 60  
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**Dd** 378 FFGFVGVGIPGVAGVPVGGVPGVGSPEAQAAAAAKAAKYGVGTAAAAAK 437

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Db      438  AAAKAAQTGLVPGVGVAFCGVGVAFCVGGVGLAFPGVGVAPGCVGVAPGICG 495

RESULT 13
US-09-743-818-7
; Sequence 7, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weils Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 571
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-7

Query Match          98.3%;   Score 593;   DB 21;   Length 571;
Best Local Similarity 98.3%;   Pred. No. 2.8e-42;
Matches 116;   Conservative 0;   Mismatches 2;   Indels 0;   Gaps 0;

QY      1  FPGFGVGGVGPVAGVPGVGVGPGVGVGPGVGVGSPERAAAAAKAAKAYGVGTPAAAAAK 60
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Db      378  FPGFGVGGVGPVAGVPGVGVGPGVGVGPGVGVGSPERAAAAAKAAKAYGVGTPAAAAAK 437

QY      61  AAAATAAQTGLVPGVGVAFCGVGVAFCVGGVGLAFPGVGVAPGCVGVAPGICG 118
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db      438  AAAKAAQTGLVPGVGVAFCGVGVAFCVGGVGLAFPGVGVAPGCVGVAPGICG 495

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1 FPGFGVGSGTGGVAGVPGVGGVPGVGISPEAQAAAAKAAKYGVGTPAAAAA 60  
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**D8**

378 FPGFGVGSGTGGVAGVPGVGGVPGVGISPEAQAAAAKAAKYGVGTPAAAAA 437

Qy 61 AAACAQFGLYPGVAPGVGVAPGVGLAPGVGVAPGVGVAPG 118  
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 Db 438 AAACAQFGLYPGVAPGVGVAPGVGLAPGVGVAPGVGVAPG 495

RESULT 14  
US-09-463-091-5  
Sequence 5, Application US/09463091  
GENERAL INFORMATION:  
APPLICANT: WEISS, ANTHONY S  
UNIVERSITY, SYDNEY  
TITLE OF INVENTION: TROPOLASTIN DERIVATIVES  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GRIFFITH HACK  
STREET: 168 WALKER STREET  
CITY: NORTH SYDNEY  
STATE: NEW SOUTH WALES  
COUNTRY: AUSTRALIA  
ZIP: 2060  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/463,091  
FILING DATE: 31-Mar-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: AU P08117  
FILING DATE: 18-JUL-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: GUMLEY, THOMAS P  
REFERENCE/DOCKET NUMBER: 048282K  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 61 2 9957 5944  
TELEFAX: 61 2 9957 6288  
TELEX: 26547  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 660 amino acids

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; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-463-091-5

Query Match          98.3%; Score 593; DB 18; Length 660;
Best Local Similarity 98.3%; Pred. No. 3.3e-42;
Matches 116; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Db 341 PFGFGVGGIPGVAGVPGVGGVGGVGGISPEAQAAAAAANKYGVGTPAAAAAK 400
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QY 61 AAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVAPG 118
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Db 401 AAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVAPG 458
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; Sequence 6, Application US/09743818
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; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 660
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-6

Query Match          98.3%; Score 593; DB 21; Length 660;
Best Local Similarity 98.3%; Pred. No. 3.3e-42;
Matches 116; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Db 341 PFGFGVGGIPGVAGVPGVGGVGGVGGISPEAQAAAAAANKYGVGTPAAAAAK 400
   ||||||||||||||||||||||||||||||||||||||||||||||||||||

QY 61 AAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVAPG 118
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Db 401 AAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVAPG 458
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(without alignments)  
1227.665 Million cell updates/sec

Title: US-09-964-662-10

Perfect score: 603

Sequence: 1 FPGFVGVGIPGVAGVPGV.....GVAPGVGVPAGVAPAI GP 118

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Maximum DB seq length: 2000000000

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Maximum Match 100%

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6: /cgn2\_6/prodata/2/paa/US10\_NEW\_COMB.pep.\*

7: /cgn2\_6/prodata/2/paa/US60\_NEW\_COMB.pep.\*

pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	599	99.3	702	7	US-60-487-610-1797
2	599	99.3	757	7	Sequence 1796, Ap
3	593	98.3	711	1	Sequence 1796, Ap
4	580	96.2	-692	1	Sequence 38, Appl
5	316	52.4	119	5	Sequence 40, Appl
6	230	38.1	1250	5	Sequence 15, Appl
7	191	31.7	252	1	Sequence 1, Appl
8	191	31.7	279	1	Sequence 3569, Ap
9	191	31.7	366	1	Sequence 3570, Ap
10	191	31.7	384	1	Sequence 3572, Ap
11	191	31.7	906	1	Sequence 3573, Ap
12	179	29.7	1386	1	Sequence 3571, Ap
13	160.5	26.6	951	1	Sequence 284, App
14	158	26.2	762	1	Sequence 3411, Ap
15	158	26.2	885	1	Sequence 3010, Ap
16	154.5	25.6	889	1	Sequence 3009, Ap
17	151	25.0	1755	1	Sequence 3646, Ap
18	150.5	25.0	534	1	Sequence 3444, Ap
19	150.5	25.0	537	1	Sequence 3162, Ap
20	150.5	25.0	594	1	Sequence 3160, Ap
21	149	24.7	1350	1	Sequence 3161, Ap
22	149	24.7	1719	1	Sequence 3136, Ap
23	141	23.4	222	1	Sequence 3135, Ap
24	141	23.4	240	1	Sequence 3427, Ap
25	141	23.4	261	1	Sequence 3432, Ap
26	140	23.2	396	1	Sequence 3459, Ap
					Sequence 3578, Ap

#### ALIGNMENTS

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RESULT 1
US-60-487-610-1797
; Sequence 1797, Application US/60487610
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRUS-INFECTED SUBJECTS,
; TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001469
; CURRENT APPLICATION NUMBER: US/60/487,610
; CURRENT FILING DATE: 2003-07-17
; NUMBER OF SEQ ID NOS: 97101
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1797
; LENGTH: 702
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-487-610-1797
Query Match 99.3%; Score 599; Ds 7; Length 702;
Best Local Similarity 99.2%; Pred. No. 4.6e-17;
Matches 117; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FPGFVGVGIPGVAGVPGVGVGVPAGVPGVGLAPGVGVPAGVAPAI GP 118
Db 382 FPGFVGVGIPGVAGVPGVGVGVPAGVPGVGLAPGVGVPAGVAPAI GP 499

Qy 61 AAKAARQFGLVPGVGVAGVPGVPGVAGVPGVGLAPGVGVPAGVAPAI GP 118
Db 442 AAKAARQFGLVPGVGVAGVPGVPGVAGVPGVGLAPGVGVPAGVAPAI GP 499

RESULT 2
US-60-487-610-1796
; Sequence 1796, Application US/60487610
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRUS-INFECTED SUBJECTS,
; TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001469
; CURRENT APPLICATION NUMBER: US/60/487,610
; CURRENT FILING DATE: 2003-07-17
; NUMBER OF SEQ ID NOS: 97101
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1796
; LENGTH: 757

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Sequence 2047, Ap  
Sequence 2045, Ap  
Sequence 2046, Ap  
Sequence 59851, A  
Sequence 40, Appl  
Sequence 70766, A  
Sequence 3263, Ap  
Sequence 3167, Ap  
Sequence 2746, Ap  
Sequence 1757, Ap  
Sequence 71121, A  
Sequence 2492, Ap  
Sequence 8, Appl  
Sequence 2493, Ap  
Sequence 38, Appl  
Sequence 1578, Ap  
Sequence 1002, Ap  
Sequence 2411, Ap  
Sequence 1525, Ap

27 140 23.2 1268 7 US-60-487-610-2047  
28 140 23.2 1283 7 US-60-487-610-2045  
29 140 23.2 1685 7 US-60-487-610-2046  
30 139.5 23.1 325 6 US-10-425-114A-59851  
31 139.5 23.1 744 1 PCT-US02-18638A-40  
32 134 22.2 194 6 US-10-425-114A-70766  
33 133 22.1 642 1 PCT-US03-26780-3263  
34 131.5 21.8 612 1 PCT-US03-26780-3167  
35 131 21.7 1604 7 US-60-487-610-2746  
36 131 21.7 1604 7 US-60-485-450-1757  
37 130.5 21.6 190 6 US-10-425-114A-71121  
38 130 21.6 938 7 US-60-487-610-2492  
39 130 21.6 1669 6 US-10-372-683-8  
40 127 21.1 1876 7 US-60-487-610-2493  
41 126.5 21.0 1366 1 PCT-US02-18638A-38  
42 126.5 21.0 1366 7 US-60-487-610-1578  
43 126.5 21.0 1366 7 US-60-485-450-1002  
44 125.5 20.8 1164 7 US-60-487-610-2411  
45 125.5 20.8 1164 7 US-60-485-450-1525



[illegible]

## RESULT 6

```

Residue: 0
US-09-807-742A-1
; Sequence 1, Application US/09807742A
;
; GENERAL INFORMATION:
; APPLICANT: DANIELL, HENRY
; TITLE OF INVENTION: PRODUCTION OF PHARMACEUTICAL PROTEINS IN TRANSGENIC
; TITLE OF INVENTION: PLASTIDS
; FILE REFERENCE: 1465-PCT-US-00
;
; PCT-US03-26780-3569
; ORGANISM: Homo sapiens
; TYPE: PRT
; LENGTH: 252
; SEQ ID NO 3569
; SOFTWARE: PatentIn version 3.2
; NUMBER OF SEQ ID NOS: 3700
; Remaining from Application data removed
; See file wrapper of PCT

```

Query Match	38.1%;	Score 230;	DB 5;	Length 1250;
Best Local Similarity	54.3%;	Pred. No. 0.006;		
Matches	70; Conservative	4; Mismatches	7; Indels	48; Gaps 14;
QY	2	PGGCV-GVG-----GIPGVAGVPGVG----GVPVG-----GYPPGVGISPEAQAAAAAAKAK 48		
		:                        :		
Db	5	PGVGVPVGVPVGVPVGVPVG-VGGVPGVPGVGVPVGVPVGVPVGVP-----50		
QY	49	YGVGTAAAAAATAKAQAQGLVFPGVGVPVGVPVGVPVGVPVGVLAPGVGPVGPVGPVAP 108		
Db	51	-GVGVPGVG-----VFVGVP-FCVGVP-FCVGVP-FCVGVP-FCVGVP-P 90		
QY	109	CGVGAIPAIG 117		
		:		
Db	91	CGVG-pcgv 98		

## RESULT 7

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PCT-US03-26780-3569
; Sequence 3569, Application PC/TUS0326780
; GENERAL INFORMATION:
; APPLICANT: EIVEPRIME THERAPEUTICS, INC.
; TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF
; FILE OF INVENTION: THEIR USE
; FILE REFERENCE: 08940.0014-00304
; CURRENT APPLICATION NUMBER: PCT/US03/26780
; CURRENT FILING DATE: 2003-08-28
; PRIOR APPLICATION NUMBER: 60/406,616
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,579
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,655
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,642
; PRIOR FILING DATE: 2002-08-29
; ORGANISM: Homo sapiens
; PCT-US03-26780-3570
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3700
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3570
; LENGTH: 279
; TYPE: PRT
; ORGANISM: Homo sapiens
; PCT-US03-26780-3570

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Query Match	31.7%;	Score 191;	DB 1;	Length 279;
Best Local Similarity	42.3%;	Pred. No. 0.07;		

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; PRIOR APPLICATION NUMBER: 60/406,588
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,576
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,646
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,666
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,653
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3700
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3569
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US03-26780-3569

Query Watch          31.7%; Score 191; DB 1; Length 252;
Best Local Similarity 42.3%; Pred. No. 0.065;
Matches 47; Conservative 1; Mismatches 63; Indels 0; Gaps 0

QY      7  GWGIPGVAGVPGVGVPGVGPGVGTSPGAQAAAAAANKRYGVGTPTAAAATAKAAAKAA 66
Db      61  GAGHAAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 120

QY      67  QGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIG 117
Db     121  CAGAAGCAGCAAGCAGCAAGCAGCAAGCAGCAAGCAGCAAGCAGCAAGCAGCAAGCAGCAAG 171

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## RESULT

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> RESULT: 8
> PCT-US03-26780-3570
> Sequence 3570, Application PC/TUS0326780
> GENERAL INFORMATION:
> APPLICANT: FIVEPRIME THERAPEUTICS, INC.
> TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF
> USING THEM
> FILE REFERENCE: 08940.0014-00304
> CURRENT APPLICATION NUMBER: PCT/US03/26780
> CURRENT FILING DATE: 2003-08-28
> PRIOR APPLICATION NUMBER: 60/406,616
> PRIOR FILING DATE: 2002-08-29
> PRIOR APPLICATION NUMBER: 60/406,579
> PRIOR FILING DATE: 2002-08-29
> PRIOR APPLICATION NUMBER: 60/406,655
> PRIOR FILING DATE: 2002-08-29
> PRIOR APPLICATION NUMBER: 60/406,542
> PRIOR FILING DATE: 2002-08-29
> PRIOR APPLICATION NUMBER: 60/406,540
> PRIOR FILING DATE: 2002-08-29
> PRIOR APPLICATION NUMBER: 60/406,588
> PRIOR FILING DATE: 2002-08-29
> PRIOR APPLICATION NUMBER: 60/406,576
> PRIOR FILING DATE: 2002-08-29
> PRIOR APPLICATION NUMBER: 60/406,546
> PRIOR FILING DATE: 2002-08-29
> PRIOR APPLICATION NUMBER: 60/406,566
> PRIOR FILING DATE: 2002-08-29
> PRIOR APPLICATION NUMBER: 60/406,553
> PRIOR FILING DATE: 2002-08-29
> Remaining Prior Application data removed - See File Wrapper or PALM.
> NUMBER OF SEQ ID NOS: 3700
> SOFTWARE: PatentIn version 3.2
> SEQ ID NO 3570
> LENGTH: 279
> TYPE: PRT
> ORGANISM: Homo sapiens
> PCT-US03-26780-3570

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Query Match	31.7%;	Score 191;	DB 1;	Length 279;
Best Local Similarity	42.3%;	Pred. No. 0.07;		





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; NUMBER OF SEQ ID NOS: 3700
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3571
; LENGTH: 906
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US03-26780-3571

Query Match
  31.7%; Score 191; DB 1; Length 906;
Best Local Similarity 42.3%; Pred. No. 0.15;
Matches 47; Conservative 1; Mismatches 53; Indels 0; Gaps 0;

QY 7 GVGIPGVAGVPGVGVPGVGVGSPGAQAAAAAAXKXKYGVTTPAAAAAAXAA 66
Db 61 GAGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 120
QY 67 QFGLVPGVGVAGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGV 117
Db 121 GAGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 171

RESULT 12
PCT-US03-19153-284
; Sequence 284, Application PC/TUS0319153
; GENERAL INFORMATION:
; APPLICANT: Diversa Corporation
; TITLE OF INVENTION: XYLANASES, NUCLEIC ACIDS ENCODING THEM AND
; FILE REFERENCE: 05010-250W01
; CURRENT APPLICATION NUMBER: PCT/US03/19153
; CURRENT FILING DATE: 2003-06-16
; PRIOR APPLICATION NUMBER: US 60/389,299
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 378
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 284
; LENGTH: 1386
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Obtained from an environmental sample.
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: (1)...(28)
PCT-US03-19153-284

Query Match
  29.7%; Score 179; DB 1; Length 1386;
Best Local Similarity 36.0%; Pred. No. 0.55;
Matches 40; Conservative 2; Mismatches 45; Indels 24; Gaps 2;

QY 7 GVGIPGVAGVPGVGVPGVGVGSPGAQAAAAAAXKXKYGVTTPAAAAAAXAA 66
Db 897 GSGTTPGSGTTPGSGTTPGSGTTPGSGTTPGSGTTPGSGTTPGSGTTPGSG 934
QY 57 QFGLVPGVGVAGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGV 117
Db 935 --GTPGSGTTPGSGTTPGSGTTPGSGTTPGSGTTPGSGTTPGSGTTPGSG 983

RESULT 13
PCT-US03-26780-3411
; Sequence 3411, Application PC/TUS0326780
; GENERAL INFORMATION:
; APPLICANT: FIVEPRIME THERAPEUTICS, INC.
; TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF
; FILE REFERENCE: 08940.0014-00304
; CURRENT APPLICATION NUMBER: PCT/US03/26780
; CURRENT FILING DATE: 2003-08-28
; PRIOR APPLICATION NUMBER: 60/406,616
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,579
; PRIOR FILING DATE: 2002-08-29
```

```
; PRIOR APPLICATION NUMBER: 60/406,655
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,642
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,640
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,588
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,576
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,646
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,666
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,653
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3700
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3411
; LENGTH: 951
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US03-26780-3411

Query Match
  26.6%; Score 160.5; DB 1; Length 951;
Best Local Similarity 39.7%; Pred. No. 2.2;
Matches 50; Conservative 0; Mismatches 59; Indels 17; Gaps 4;

QY 5 GVGVGIPGVAGVPGVGVGVGVGVGVGSPGAQAAAAAAXKXKYGVTTPAAAAA 60
Db 98 GAGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 153
QY 61 AAAXAAGFGLVPGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGV 111
Db 154 AAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 213
QY 112 VAPAIG 117
Db 214 GAAAAG 219

RESULT 14
PCT-US03-26780-3010
; Sequence 3010, Application PC/TUS0326780
; GENERAL INFORMATION:
; APPLICANT: FIVEPRIME THERAPEUTICS, INC.
; TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF
; FILE REFERENCE: 08940.0014-00304
; CURRENT APPLICATION NUMBER: PCT/US03/26780
; CURRENT FILING DATE: 2003-08-28
; PRIOR APPLICATION NUMBER: 60/406,616
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,579
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,655
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,642
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,640
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,588
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,576
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,646
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,666
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,653
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
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RESULT 12  
US-09-841-334A-14  
; Sequence 14, Application US/09841334A  
; Patent No. 6533819  
; GENERAL INFORMATION:  
; APPLICANT: Urry, Dan  
; APPLICANT: Parker, Timothy

RESULT 11  
US-806-029-33  
; Sequence 33, Application US/08806029  
; Patent No. 6380154  
; GENERAL INFORMATION:  
; APPLICANT: Cappello, Joseph  
; APPLICANT: Stecdrowsky, Erwin R.  
; TITLE OF INVENTION: Synthetic Proteins for in vivo Drug  
; TITLE OF INVENTION: Delivery and Tissue Augmentation  
; NUMBER OF SEQUENCES: 36  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Flehr, Hothbach, Test, Albrittion & Herbert



```

/ APPLICANT: Glazer, Paul
/
/ TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
/
/ FILE REFERENCE: BERL-020/05US
/
/ CURRENT APPLICATION NUMBER: US/09/841,334A
/
/ CURRENT FILING DATE: 2001-04-23
/
/ PRIOR APPLICATION NUMBER: US 09/258,723
/
/ PRIOR FILING DATE: 1999-02-26
/
/ PRIOR APPLICATION NUMBER: US 60/087155
/
/ PRIOR FILING DATE: 1998-05-29
/
/ PRIOR APPLICATION NUMBER: US 60/076297
/
/ PRIOR FILING DATE: 1998-02-27
/
/ NUMBER OF SEQ ID NOS: 65
/
/ SOFTWARE: PatentIn version 3.0
/
/ SEQ ID NO 14
/
/ LENGTH: 148
/
/ TYPE: PRT
/
/ ORGANISM: Artificial Sequence
/
/ FEATURE:
/
/ NAME/KEY: PEPTIDE
/
/ LOCATION: (1)..(148)
/
/ OTHER INFORMATION: Synthetic
/
/ US-09-841-334A-14

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Query Match	44.6%	Score 448;	DB 4;	Length 148;
Best Local Similarity	56.2%;	Prod. No. 6.3e-32;		
Matches 113;	Conservative	16;	Mismatches	66;
			Indels	13;
			Gaps	13;
QY	1	PGGVGVGGTGGVAGVPGV	---GVPGVG---	GVPGVGISPEAQAAAAAKKVGCT 52
Db	5	PGVGVGVPGV	GVPGVGVPGVGVGVGVGVGVP	-----GVGV 49
QY	53	PAATAAKAAKAAQGLVGVGVPAGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVA 112		
Db	50	PGV-----GVA	PGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVA 97	
QY	113	PAIGPEAQAAAAAKKVGCTPAAAAAKAAKAAQFGLVPGVGVAGVGVGVGVGVAPG 172		
Db	98	PGVGV-----GVGVGVG	-----VFGVGV-FGVGV-PGVGV-PG 129	
QY	173	VGLAPGVGVAPGVGVAPGVG 193		
Db	130	VGV-PGVGV-PGVGV-PGVGV 147		

RESULT 13  
US-08-212-237-5  
; Sequence 5, Application US/08212237  
; Patent No. 5606019  
; GENERAL INFORMATION:  
; APPLICANT: Cappello, Joseph  
; TITLE OF INVENTION: Synthetic Proteins As Implantables  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Flehr, Hombach, Test, Albritton & Herbert  
; STREET: Four Embarcadero Center, Suite 3400  
; CITY: San Francisco  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 94111-4187  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/212,237  
; FILING DATE: 11-Mar-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Rowland, Bertram I  
; REGISTRATION NUMBER: 20,015  
; REFERENCE/DOCKET NUMBER: A-58947/BIIR  
; TELECOMMUNICATION INFORMATION:

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; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 988 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-212-237-5

Query Match          40.3%; Score 404.5; DB 1; Length 988;
Best Local Similarity 55.8%; Pred.No. 2.4e-27;
Matches 120; Conservative 11; Mismatches 51; Indels 33; Gaps 20;

QY      2 GFVGVGGLPGV-----AGVPGVG----GVPVG-----GVPVGISPEAQAAAAAAYG 49
DB      69 GSGAGAGVPGVGPVGPVGPVGPVGPVGPVGPVGPVGPVGPVGPVGPVGPVGPVGPVGPV 127
QY      50 VGTPTAAAANKA-----AKAAQFLGVLPGVGPVGPVGPVGPVGPVGPVGPVGPVGPV 104
DB     128 SGAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAG 182
QY     105 VAPGVGAIPAIGPQAATAAAKAAKYTGTPAAAAKA-AKAAQFLGVLPGVGPVGPVGPV 163
DB     183 V-PGVGV-PGVGGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAGAGSAG 239
QY     164 APGVGAPVGLPGVGPVGPVGPVGPVGPVGPVGPVGPVGPVGPVGPVGPVGPVGPVGPV 198
DB     240 -PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV 268

RESULT 14
US-08-806-029-28
; Sequence 28, Application US/08806029
; Patent No 6380154
; GENERAL INFORMATION:
; APPLICANT: Cappello, Joseph
; APPLICANT: Stedronsky, Erwin R.
; TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
; TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/806,029
; FILING DATE: 24-FEB-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/212,237
; FILING DATE: 11-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Trecartin, Richard F.
; REGISTRATION NUMBER: 31,801
; REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MTX
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 988 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown

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GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: October 10, 2003, 18:41:34 ; Search time 15.0161 Seconds  
(without alignments)  
2135.343 Million cell updates/sec

Title: US-09-964-662-11

Perfect score: 1004

Sequence: 1 PFGVGVGIGFVAGVPGVG.....GVAFVGVAQVAPAIQF 199

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 600653 seqs, 161128416 residues

Total number of hits satisfying chosen parameters: 600653

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA: \*  
1: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep: \*  
2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep: \*  
3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep: \*  
4: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep: \*  
5: /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB.pep: \*  
6: /cgn2\_6/ptodata/2/pubpaa/CTUS\_PUBCOMB.pep: \*  
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17: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep: \*  
18: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep: \*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1004	100.0	199	12	US-09-964-662-11
2	1004	100.0	200	12	US-09-964-662-2
3	711.5	70.9	731	12	US-09-964-662-1
4	691	68.8	730	11	US-09-961-403-8
5	597	59.5	117	12	US-09-964-662-9
6	597	59.5	118	12	US-09-964-662-10
7	525	52.3	745	9	US-09-837-969A-38
8	525	52.3	745	10	US-09-841-321A-38
9	448	44.6	148	9	US-09-837-969A-14
10	448	44.6	148	10	US-09-841-321A-14
11	375	37.4	1465	15	US-10-096-986-74
12	370	36.9	2257	15	US-10-096-986-82
13	367	36.6	2055	15	US-10-096-986-81
14	364	36.3	378	15	US-10-117-931-26
15	364	36.3	1002	15	US-10-117-931-25

16	355	35.4	884	15	US-10-117-931-15	Sequence 15, Appl
17	352	35.1	782	9	US-09-837-969A-37	Sequence 37, Appl
18	352	35.1	782	10	US-09-841-321A-37	Sequence 37, Appl
19	352	35.1	2003	9	US-09-837-969A-34	Sequence 34, Appl
20	352	35.1	2003	10	US-09-841-321A-34	Sequence 34, Appl
21	351.5	35.0	1085	9	US-09-837-969A-39	Sequence 39, Appl
22	351.5	35.0	1085	10	US-09-841-321A-39	Sequence 39, Appl
23	351	35.0	936	15	US-10-117-931-30	Sequence 30, Appl
24	350	34.9	605	9	US-09-837-969A-40	Sequence 40, Appl
25	350	34.9	605	10	US-09-841-321A-40	Sequence 40, Appl
26	350	34.9	605	12	US-10-356-088-62	Sequence 62, Appl
27	350	34.9	859	15	US-10-096-986-77	Sequence 77, Appl
28	350	34.9	1253	9	US-09-837-969A-18	Sequence 18, Appl
29	350	34.9	1253	10	US-09-841-321A-18	Sequence 18, Appl
30	348	34.7	1085	9	US-09-837-969A-35	Sequence 35, Appl
31	348	34.7	1085	10	US-09-841-321A-35	Sequence 35, Appl
32	343	34.2	966	15	US-10-117-931-34	Sequence 34, Appl
33	337.5	33.6	1011	15	US-10-096-986-94	Sequence 94, Appl
34	336	33.5	450	9	US-09-812-382-6	Sequence 6, Appl
35	333	33.2	1300	9	US-09-837-969A-55	Sequence 55, Appl
36	333	33.2	1300	10	US-09-841-321A-55	Sequence 55, Appl
37	332	33.1	2018	15	US-10-096-986-80	Sequence 80, Appl
38	322	32.1	635	9	US-09-837-969A-25	Sequence 25, Appl
39	322	32.1	635	9	US-09-837-969A-36	Sequence 36, Appl
40	322	32.1	635	10	US-09-841-321A-25	Sequence 25, Appl
41	322	32.1	635	10	US-09-841-321A-36	Sequence 36, Appl
42	302.5	30.1	111	9	US-09-837-969A-13	Sequence 13, Appl
43	302.5	30.1	111	10	US-09-841-321A-13	Sequence 13, Appl
44	297.5	29.6	111	9	US-09-837-969A-58	Sequence 58, Appl
45	297.5	29.6	111	10	US-09-841-321A-58	Sequence 58, Appl

ALIGNMENTS

RESULT 1  
US-09-964-662-11  
; Sequence 11, Application US/09964662  
; Publication No. US20030168946A1  
; GENERAL INFORMATION:  
; APPLICANT: PROTEIN SPECIALTIES LTD.  
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP  
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND  
; TITLE OF INVENTION: OTHER FIBROUS PROTEINS  
; FILE REFERENCE: 041082/0112  
; CURRENT APPLICATION NUMBER: US/09/964,662  
; CURRENT FILING DATE: 2003-05-08  
; PRIOR FILING DATE: 1999-06-29  
; PRIOR FILING DATE: 1999-06-29  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 11  
; LENGTH: 199  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-964-662-11

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Best Local Similarity	100.08;	Pred. No.	6.7e-67;				
Matches	199;	Conservative	0;	Mismatches	0;	Indels	0;
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QY	61	AAKAAQGLVPGVGVAQVAGVPGVGLAPGVGVAQVAPAIQPEAQ	120				
DB	61	AAKAAQGLVPGVGVAQVAGVPGVGLAPGVGVAQVAPAIQPEAQ	120				
QY	121	AAAAAKAAYGVGTAAAAAKAQAQGLVPGVGVAQVAPGVGLAPGVG	180				
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RESULT 12  
US-10-096-985-82  
; Sequence 82, Application US/10096986  
; Publication No. US20030083464A1







GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: October 10, 2003, 18:38:08 ; Search time 145.496 Seconds  
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1244.528 Million cell updates/sec

Title: US-09-964-662-11  
Perfect score: 1004  
Sequence: 1 PFGVGVGIPGVAGVPGV.....GVAPGVGVAPGVGVAIPAIGP 199

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 5728757 seqs, 909918778 residues

Total number of hits satisfying chosen parameters: 5728757

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Pending Patents AA Main:\*

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3: /cgn2\_6/ptodata/1/paa/US07\_COMB.pap.\*  
4: /cgn2\_6/ptodata/1/paa/US080\_COMB.pap.\*  
5: /cgn2\_6/ptodata/1/paa/US081\_COMB.pap.\*  
6: /cgn2\_6/ptodata/1/paa/US082\_COMB.pap.\*  
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32: /cgn2\_6/ptodata/1/paa/US60\_COMB.pap.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB ID	Description
1	1004	100.0	199	25	US-09-964-662-11
Sequence 11, Appl					

2	1004	100.0	200	25	US-09-964-662-2	Sequence 2, Appl
3	711.5	70.9	731	25	US-09-964-662-1	Sequence 1, Appl
4	710	70.7	702	32	US-60-453-050-10290	Sequence 10290, A
5	710	70.7	702	32	US-60-453-135-10290	Sequence 10290, A
6	710	70.7	702	32	US-60-466-412-10290	Sequence 10290, A
7	708	70.5	772	22	US-09-760-494-217	Sequence 217, App
8	708	70.5	772	28	US-10-223-026-217	Sequence 217, App
9	707.5	70.5	757	32	US-60-453-050-10289	Sequence 10289, A
10	707.5	70.5	757	32	US-60-453-135-10289	Sequence 10289, A
11	707.5	70.5	757	32	US-60-466-412-10289	Sequence 10289, A
12	706	70.3	711	28	US-10-210-172-38	Sequence 38, Appl
13	704	70.1	698	18	US-09-463-091-3	Sequence 3, Appl
14	704	70.1	698	21	US-09-743-818-5	Sequence 5, Appl
15	703.5	70.1	660	18	US-09-463-091-5	Sequence 5, Appl
16	703.5	70.1	660	21	US-09-743-818-6	Sequence 6, Appl
17	702	69.9	712	19	US-09-554-996-3	Sequence 3, Appl
18	702	69.9	730	19	US-09-554-996-8	Sequence 8, Appl
19	701.5	69.9	731	21	US-09-743-818-4	Sequence 4, Appl
20	701.5	69.9	733	18	US-09-463-091-2	Sequence 2, Appl
21	701.5	69.9	757	1	PCT-US03-09391-2	Sequence 2, Appl
22	691	68.8	692	28	US-10-210-172-40	Sequence 40, Appl
23	691	68.8	730	25	US-09-961-403-8	Sequence 8, Appl
24	685	68.2	571	21	US-09-743-818-7	Sequence 7, Appl
25	670.5	66.8	515	21	US-09-743-818-71	Sequence 71, Appl
26	621	61.9	663	27	US-10-108-260A-2477	Sequence 2477, Ap
27	600	59.8	472	20	US-09-611-523-212	Sequence 212, App
28	600	59.8	472	20	US-10-305-278-212	Sequence 212, App
29	597	59.5	117	25	US-09-964-662-9	Sequence 9, Appl
30	597	59.5	118	25	US-09-964-662-10	Sequence 10, Appl
31	567	56.5	617	27	US-10-104-047-2915	Sequence 2915, Ap
32	525	52.3	745	1	PCT-US95-04440-38	Sequence 38, Appl
33	525	52.3	745	16	US-09-258-723-38	Sequence 38, Appl
34	525	52.3	745	23	US-09-837-969A-38	Sequence 38, Appl
35	525	52.3	745	23	US-09-841-321A-38	Sequence 38, Appl
36	448	44.6	148	1	PCT-US93-04440-14	Sequence 14, Appl
37	448	44.6	148	16	US-09-258-723-14	Sequence 14, Appl
38	448	44.6	148	23	US-09-837-969A-14	Sequence 14, Appl
39	448	44.6	148	23	US-09-841-321A-14	Sequence 14, Appl
40	429	42.7	119	23	US-09-807-742-15	Sequence 15, Appl
41	409.5	40.8	864	28	US-10-219-051B-2524	Sequence 2524, Ap
42	375	37.4	1413	11	US-08-707-237-45	Sequence 45, Appl
43	375	37.4	1464	8	US-08-477-509-74	Sequence 74, Appl
44	375	37.4	1464	8	US-08-482-085-74	Sequence 74, Appl
45	375	37.4	1465	26	US-10-096-986-74	Sequence 74, Appl

ALIGNMENTS

RESULT 1  
US-09-964-662-11  
; Sequence 11, Application US/09964662  
; GENERAL INFORMATION:  
; APPLICANT: PROTEIN SPECIALTIES LTD.  
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP  
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND  
; FILE OF INVENTION: OTHER FIBROUS PROTEINS  
; FILE REFERENCE: 041082/0112  
; CURRENT APPLICATION NUMBER: US/09/964.662  
; CURRENT FILING DATE: 2003-05-08  
; PRIOR APPLICATION NUMBER: 09/340,736  
; PRIOR FILING DATE: 1999-06-29  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 11  
; LENGTH: 199  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; ORGANISM: US-09-964-662-11

Query Match 100.0%; Score 1004; DB 25; Length 199;  
Best Local Similarity 100.0%; Pred No 6.7e-73;  
Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



Dd 623 AGLG-GLGVGGLVPGVGGIGLIPPAARAAKAKYGAAGLGGVLLGGAGQFPLGGVAARPGF 681

Qy 192 GVAP 195  
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Dd 682 GLSP 685

## RESULT 5

US-60-453-135-10290  
; Sequence 10290, Application US/60453135  
; GENERAL INFORMATION:  
; APPLICANT: CARGILL, Michele  
; APPLICANT: IAKOUBOVA, Olga  
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH  
; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001456  
; CURRENT APPLICATION NUMBER: US/60/453,135  
; CURRENT FILING DATE: 2003-03-10  
; NUMBER OF SEQ ID NOS: 82762  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 10290  
; LENGTH: 702  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-60-453-135-10290

Query Match 70.7%; Score 710; DB 32; Length 702;  
Best Local Similarity 53.9%; Pred. No. 1.2e-48;  
Matches 164; Conservative 6; Mismatches 24; Indels 110; Gaps 6;

Qy 1 PGFVGVGIGIPGVAGVPGVGGVPGVGGISPEAQAAAAKAAKYGVTGTPAAAAKA 60  
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Dd 383 PGFVGVGIGIPGVAGVPGVGGVPGVGGISPEAQAAAAKAAKYGVTGTPAAAAKA 442  
Qy 61 AAKAAQFGLVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPAIGPEAQ 120  
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Dd 443 AAKAAQFGLVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPAIGPEAQ 502  
Qy 121 AA----- 122  
Dd 503 AAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 562  
Qy 123 ---AAKAAKYGVTGTP----- 562  
Dd 563 GAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 622  
Qy 155 VGVAPGVG---APGVGVAPGV-----GLAPGVGVAP--GVGVAPGV 191  
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Dd 623 AGLG-GLGVGGLVPGVGGIGLIPPAARAAKAKYGAAGLGGVLLGGAGQFPLGGVAARPGF 681  
Qy 192 GVAP 195  
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Dd 682 GLSP 685

## RESULT 6

US-60-466-412-10290  
; Sequence 10290, Application US/60466412  
; GENERAL INFORMATION:  
; APPLICANT: CARGILL, Michele  
; APPLICANT: IAKOUBOVA, Olga  
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH  
; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001466  
; CURRENT APPLICATION NUMBER: US/60/466,412  
; CURRENT FILING DATE: 2003-04-30  
; NUMBER OF SEQ ID NOS: 429241  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 10290  
; LENGTH: 702  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-60-466-412-10290

Query Match 70.7%; Score 710; DB 32; Length 702;  
Best Local Similarity 53.9%; Pred. No. 1.2e-48;  
Matches 164; Conservative 6; Mismatches 24; Indels 110; Gaps 6;

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Dd 383 PGFVGVGIGIPGVAGVPGVGGVPGVGGISPEAQAAAAKAAKYGVTGTPAAAAKA 442  
Qy 61 AAKAAQFGLVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPAIGPEAQ 120  
|::|  
Dd 443 AAKAAQFGLVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPGVAGVPAIGPEAQ 502  
Qy 121 AA----- 122  
Dd 503 AAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 562  
Qy 123 ---AAKAAKYGVTGTP----- 562  
Dd 563 GAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 622  
Qy 155 VGVAPGVG---APGVGVAPGV-----GLAPGVGVAP--GVGVAPGV 191  
|::|  
Dd 623 AGLG-GLGVGGLVPGVGGIGLIPPAARAAKAKYGAAGLGGVLLGGAGQFPLGGVAARPGF 681  
Qy 192 GVAP 195  
|::|  
Dd 682 GLSP 685

## RESULT 7

US-09-760-494-217  
; Sequence 217, Application US/09760494  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
; FILE REFERENCE: P0018  
; CURRENT APPLICATION NUMBER: US/09/760,494  
; CURRENT FILING DATE: 2001-01-16  
; Prior application data removed - consult PALM or file wrapper  
; NUMBER OF SEQ ID NOS: 258  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 217  
; LENGTH: 772  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
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; LOCATION: (25)  
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
; NAME/KEY: SITE  
; LOCATION: (192)  
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
; NAME/KEY: SITE  
; LOCATION: (488)  
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
; NAME/KEY: SITE  
; LOCATION: (647)  
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
US-09-760-494-217

Query Match 70.5%; Score 708; DB 22; Length 772;  
Best Local Similarity 56.4%; Pred. No. 2e-48;  
Matches 164; Conservative 6; Mismatches 19; Indels 102; Gaps 7;

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RESULT 9
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; Sequence 10289, Application US/60453050
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; APPLICANT: LUKE, May
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001457
; CURRENT APPLICATION NUMBER: US/60/453,050
; NUMBER OF SEQ ID NOS: 2003-03-10
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10289
; LENGTH: 757
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-453-050-10289

Query Match          70.5%;   Score 707.5;   DB 32;   Length 757;
Best Local Similarity 76.8%;   Pred. No. 2.le-48;
Matches 156; Conservative 5; Mismatches 24; Indels 17; Gaps 7

QY      1 PFGVGVGCGIPGVAGVPGVGGVPGVGGVPGVGGISPEAQAAAAAATAKATGVTGPAAAAAKA 60
Db      405 PFGVGVGCGIPGVAGVPGVGGVPGVGGVPGVGGISPEAQAAAAAATAKATGVTGPAAAAAKA 464
QY      61 AAKAAQFGLVPGVGVAPGVGVAPGVGVGLAPGVGVAPGVGVAPGVGVAPGAIGPPEAQ 120
Db      485 AAKAAQFGLVPGVGVAPGVGVAPGVGVGLAPGVGVAPGVGVAPGVGVAPGIGPPEAQ 524
QY     121 AAAAATAKATGVTGPAAAAAATAKAAQAQFGL---VPGVGVAPGVGVAPGVGVAPGV-GLA 176
Db      525 AAAAASAAK-----VAAKAQLFAAA-GLGAGIPLGV--GVGV-PGLGVGAGVPGLG 572
QY     177 PGVGVAPGVGVAPGVGVAPGAIGP 199
Db      573 VGAGV-PFGAGADEGVRASISP 594

RESULT 10
US-60-453-135-10289
; Sequence 10289, Application US/60453135
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; APPLICANT: IAKOUBOVA, Olga
; TITLE OF INVENTION: GENETIC
; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES TH
; FILE REFERENCE: CL001456
; CURRENT APPLICATION NUMBER: US/60/453,135
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 82762
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10289

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Search completed: October 10, 2003, 18:59:58  
Job time : 147.496 secs



Result No.	Score	Query		DB	ID	Description
		Match	Length			
1	710	70.7	702	7	US-60-487-610-1797	Sequence 1797, Ap
2	707.5	70.5	757	7	US-60-487-610-1796	Sequence 1796, Ap
3	706	70.3	711	1	PCT-US02-24483-38	Sequence 38, Appl
4	691	68.8	692	1	PCT-US02-24483-40	Sequence 40, Appl
5	429	42.7	119	5	US-09-807-7424-15	Sequence 15, Appl
6	350	34.9	1250	5	US-09-807-7424-1	Sequence 1, Appli
7	275.5	27.4	252	1	PCT-US03-26780-3569	Sequence 3569, Ap
8	275.5	27.4	279	1	PCT-US03-26780-3570	Sequence 3570, Ap
9	275.5	27.4	366	1	PCT-US03-26780-3572	Sequence 3572, Ap
10	275.5	27.4	384	1	PCT-US03-26780-3573	Sequence 3573, Ap
11	275.5	27.4	906	1	PCT-US03-26780-3571	Sequence 3571, Ap
12	257.5	25.6	951	1	PCT-US03-26780-3411	Sequence 3411, Ap
13	242	24.1	1755	1	PCT-US03-26780-3444	Sequence 3444, Ap
14	228	22.7	1350	1	PCT-US03-26780-3136	Sequence 3136, Ap
15	228	22.7	1719	1	PCT-US03-26780-3135	Sequence 3135, Ap
16	215	21.4	889	1	PCT-US03-26780-3646	Sequence 3646, Ap
17	210	20.9	1386	1	PCT-US03-19153-284	Sequence 284, App
18	209.5	20.9	261	1	PCT-US03-26780-3459	Sequence 3459, Ap
19	207.5	20.7	396	1	PCT-US03-26780-3578	Sequence 3578, Ap
20	205	20.4	594	1	PCT-US03-26780-3161	Sequence 3161, Ap
21	200.5	20.0	240	1	PCT-US03-26780-3432	Sequence 3432, Ap
22	199	19.8	537	1	PCT-US03-26780-3160	Sequence 3160, Ap
23	195	19.4	534	1	PCT-US03-26780-3162	Sequence 3162, Ap
24	194.5	19.4	469	6	US-10-428-114A-4328	Sequence 4328, A
25	193.5	19.3	222	1	PCT-US03-26780-3427	Sequence 3427, Ap
26	193	19.2	612	1	PCT-US03-26780-3167	Sequence 3167, Ap

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; SEQ ID NO 38
; LENGTH: 711
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-24483-38

Query Match          70.3%; Score 706; DB 1; Length 711;
Best Local Similarity 56.0%; Pred. No. 2.6e-14;
Matches 163; Conservative 7; Mismatches 19; Indels 102; Gaps 7;

QY      1  PGFGVGGTGPVAGVPGVGVPGVGVGSPGAQAAAAAARAAKAAKAAKAAKAAKAAKAAKAA 60
      |||:|||||
DB      410  PGFGVGGTGPVAGVPGVGVPGVGVGSPGAQAAAAAARAAKAAKAAKAAKAAKAAKAA 469
      |||:|||||

QY      61  AAKAAQFGLVPGVGVAGVPGVGVAGVGVGLAGVGVAGVGVAGVGVAGVGVAGVGVAGVAG 120
      |||:|||||
DB      470  AAKAAQFGLVPGVGVAGVPGVGVAGVGVGLAGVGVAGVGVAGVGVAGVGVAGVGVAGV 529
      |||:|||||

QY      121  AA----- 122
      ||
DB      530  AAAAKSAKVAKAQRAAAGLGAIGPGLGVGVGVPGVGLGVGAGVPGVGVGAVP 589
      |||:|||||

QY      123  ---AAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 154
      |||:|||||
DB      590  GALLAAARAAKAAVPGVGVGLGALGGVGVPGVGVGAGVGVGAGVGVGAGVGVGAGV 649
      |||:|||||

QY      155  VGVAPGVGVAGVGVAGVGVGLAGVGVAGV-----GVCVAPGVGVAP 195
      ||:|||||
DB      650  AGLG-GLGVG-PGVG---GLGGIPPAARAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 694
      ||:|||||

RESULT 4
PCT-US02-24483-40
; Sequence 40, Application PC/TUS0224483
; GENERAL INFORMATION:
; APPLICANT: Curagen Corp. et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND MI
; FILE REFERENCE: 21402-416A-061
; CURRENT APPLICATION NUMBER: PCT/US02/24483
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,994
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/373,814
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/310,544
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/313,201
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/312,892
; PRIOR FILING DATE: 2001-08-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 327
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 40
; LENGTH: 692
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-24483-40

Query Match          68.8%; Score 691; DB 1; Length 692;
Best Local Similarity 52.6%; Pred. No. 6.6e-14;
Matches 163; Conservative 6; Mismatches 25; Indels 116; Gaps 7;

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; SEQ ID NO 3569
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US03-26780-3569

Query Match          27.4%; Score 275.5; DB 1; Length 252;
Best Local Similarity 38.2%; Pred. No. 0.013;
Matches 76; Conservative 1; Mismatches 117; Indels 5; Gaps 2;

QY 4 GVGGGIPGVAGVP-----GVGGVPGVGVPGVGVGSPISPEAQAAAAAKAAKAYGVGTPAAAAAK 59
DB 31 GAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 90
QY 60 AAATAAQAQFGLVPGVGVAGVGVAGVGVAGVGVAGVGVAGVGVAGVGVAGVGVAGVGVAGVGV 119
DB 91 GAGAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 150
QY 120 QAAAAAKAAKYGVGTPAAAAAKAAKAAQFGLVPGVGVAGVGVAGVGVAGVGVAGVGVAGVGV 179
DB 151 GAGAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 209
QY 180 GVAPGVGVAGVGVAPAG 198
DB 210 GAAGAAGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 228

RESULT 8
PCT-US03-26780-3570
; Sequence 3570, Application PC/TUS0326780
; GENERAL INFORMATION:
; APPLICANT: FIVEPRIME THERAPEUTICS, INC.
; TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF
; FILE REFERENCE: 08940 0014-00304
; CURRENT APPLICATION NUMBER: PCT/US03/26780
; PRIOR FILING DATE: 2003-08-28
; PRIOR APPLICATION NUMBER: 60/406,616
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,579
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,640
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,588
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,576
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,646
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,666
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,653
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3700
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3570
; LENGTH: 279
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US03-26780-3570

Query Match          27.4%; Score 275.5; DB 1; Length 279;
Best Local Similarity 38.2%; Pred. No. 0.014;
Matches 76; Conservative 1; Mismatches 117; Indels 5; Gaps 2;

QY 4 GVGGGIPGVAGVP-----GVGGVPGVGVPGVGVGSPISPEAQAAAAAKAAKAYGVGTPAAAAAK 59
DB 31 GAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAG 90
QY 60 AAATAAQAQFGLVPGVGVAGVGVAGVGVAGVGVAGVGVAGVGVAGVGVAGVGVAGVGVAGV 119
DB 91 GAGAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 150
QY 120 QAAAAAKAAKYGVGTPAAAAAKAAKAAQFGLVPGVGVAGVGVAGVGVAGVGVAGVGVAGVGV 179
DB 151 GAGAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 209
QY 180 GVAPGVGVAGVGVAPAG 198
DB 210 GAAGAAGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 228

RESULT 9
PCT-US03-26780-3572
; Sequence 3572, Application PC/TUS0326780
; GENERAL INFORMATION:
; APPLICANT: FIVEPRIME THERAPEUTICS, INC.
; TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF
; FILE REFERENCE: 08940 0014-00304
; CURRENT APPLICATION NUMBER: PCT/US03/26780
; PRIOR FILING DATE: 2003-08-28
; PRIOR APPLICATION NUMBER: 60/406,616
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,579
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,655
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,642
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,640
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,588
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,576
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,646
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,666
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/406,653
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3700
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3572
; LENGTH: 366
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US03-26780-3572

Query Match          27.4%; Score 275.5; DB 1; Length 366;
Best Local Similarity 38.2%; Pred. No. 0.016;
Matches 76; Conservative 1; Mismatches 117; Indels 5; Gaps 2;

QY 4 GVGGGIPGVAGVP-----GVGGVPGVGVPGVGVGSPISPEAQAAAAAKAAKAYGVGTPAAAAAK 59
DB 31 GAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAG 90
QY 60 AAATAAQAQFGLVPGVGVAGVGVAGVGVAGVGVAGVGVAGVGVAGVGVAGVGVAGVGVAGV 119
DB 91 GAGAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 150
QY 120 QAAAAAKAAKYGVGTPAAAAAKAAKAAQFGLVPGVGVAGVGVAGVGVAGVGVAGVGVAGVGV 179
DB 151 GAGAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 209
QY 180 GVAPGVGVAGVGVAPAG 198
DB 210 GAAGAAGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 228
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RESULT 10  
PCT-US03-26780-3573  
; Sequence 3573, Application PC/TUS0326780  
; GENERAL INFORMATION:  
; APPLICANT: FIVEPRIME THERAPEUTICS, INC.  
; TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF  
; TITLE OF INVENTION: THEIR USE  
; FILE REFERENCE: 08940.0014-00304  
; CURRENT APPLICATION NUMBER: PCT/US03/26780  
; CURRENT FILING DATE: 2003-08-28  
; PRIOR APPLICATION NUMBER: 60/406,616  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,579  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,558  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,576  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,642  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,640  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,588  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,656  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,646  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,653  
; PRIOR FILING DATE: 2002-08-29  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 3700  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3573  
; LENGTH: 384  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
PCT-US03-26780-3573

Query Match 27.4%; Score 275.5; DB 1; Length 384;  
Best Local Similarity 38.2%; Pred. No. 0.017;  
Matches 76; Conservative 1; Mismatches 117; Indels 5; Gaps 2;

QY 4 GVGGGIPGVAGVP----GVGGVPGVGVGPGVGIPEAQAQAAAAAARAAKRYGVTGTPAAAAAK 59  
DB 31 GAG 90  
QY 60 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPGVGVAPGV 119  
DB 91 GAG 150  
QY 120 QAAAAAARAAKRYGVTGTPAAAAAARAAQFGLVPGVGVAPGVGVAPGVGVAPGVGVAPGV 179  
DB 151 GAA 209  
QY 180 GVAPGVGVAPGVGVAPGV 198  
DB 210 GAAGAAGAAGAAGAAAAG 228

RESULT 11  
PCT-US03-26780-3571  
; Sequence 3571, Application PC/TUS0326780  
; GENERAL INFORMATION:  
; APPLICANT: FIVEPRIME THERAPEUTICS, INC.  
; TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF  
; TITLE OF INVENTION: THEIR USE  
; FILE REFERENCE: 08940.0014-00304  
; CURRENT APPLICATION NUMBER: PCT/US03/26780  
; CURRENT FILING DATE: 2003-08-28  
; PRIOR APPLICATION NUMBER: 60/406,616  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,640  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,588  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,576  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,646

; PRIOR APPLICATION NUMBER: 60/406,579  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,655  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,642  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,640  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,588  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,576  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,646  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,666  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,653  
; PRIOR FILING DATE: 2002-08-29  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 3700  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3571  
; LENGTH: 906  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
PCT-US03-26780-3571

Query Match 27.4%; Score 275.5; DB 1; Length 906;  
Best Local Similarity 38.2%; Pred. No. 0.026;  
Matches 76; Conservative 1; Mismatches 117; Indels 5; Gaps 2;

QY 4 GVGGGIPGVAGVP----GVGGVPGVGVGPGVGIPEAQAQAAAAAARAAKRYGVTGTPAAAAAK 59  
DB 31 GAG 90  
QY 60 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPGVGVAPGV 119  
DB 91 GAG 150  
QY 120 QAAAAAARAAKRYGVTGTPAAAAAARAAQFGLVPGVGVAPGVGVAPGVGVAPGVGVAPGV 179  
DB 151 GAA 209  
QY 180 GVAPGVGVAPGVGVAPGV 198  
DB 210 GAAGAAGAAGAAGAAAAG 228

RESULT 12  
PCT-US03-26780-3411  
; Sequence 3411, Application PC/TUS0326780  
; GENERAL INFORMATION:  
; APPLICANT: FIVEPRIME THERAPEUTICS, INC.  
; TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF  
; TITLE OF INVENTION: THEIR USE  
; FILE REFERENCE: 08940.0014-00304  
; CURRENT APPLICATION NUMBER: PCT/US03/26780  
; CURRENT FILING DATE: 2003-08-28  
; PRIOR APPLICATION NUMBER: 60/406,616  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,579  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,555  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,642  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,640  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,588  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,576  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/406,646



